

**Known Bioactive Library: Tocriscreen Mini Library 2**

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3411	A03	Tocris	0114	NMDA	Selective NMDA agonist
3411	A04	Tocris	0495	(±)-U-50488 hydrochloride	Standard selective κ agonist
3411	A05	Tocris	0162	S-Sulfo-L-cysteine sodium salt	Group I agonist
3411	A06	Tocris	0496	(-)-U-50488 hydrochloride	Standard selective κ agonist. More active enantiomer of (±)-U-50488 (Cat. No. 0495)
3411	A07	Tocris	0169	(RS)-AMPA	Selective AMPA agonist
3411	A08	Tocris	0498	U-54494A hydrochloride	κ agonist
3411	A09	Tocris	0180	ZAPA sulphate	Agonist at 'low affinity' GABAA receptor. More potent than GABA/muscimol
3411	A10	Tocris	0504	Diphenyleiiodonium chloride	Binds to flavoproteins and inhibits NOS
3411	A11	Tocris	0186	cis-ACPD	Potent NMDA agonist. Also group II mGluR agonist
3411	A12	Tocris	0506	Dimaprit dihydrochloride	Standard H2 selective agonist
3411	A13	Tocris	0188	L-Quisqualic acid	AMPA/group I mGlu agonist
3411	A14	Tocris	0507	Dantrolene, sodium salt	Ca <sup>2+</sup> release inhibitor
3411	A15	Tocris	0189	DNQX	Selective non-NMDA antagonist
3411	A16	Tocris	0511	BD 1008 dihydrobromide	Potent, selective σ ligand
3411	A17	Tocris	0197	Homoquinolinic acid	Selective, potent NMDA agonist
3411	A18	Tocris	0512	SKF 91488 dihydrochloride	Histamine N-methyltransferase inhibitor
3411	A19	Tocris	0216	L-Cysteinesulfinic acid	NMDA and mGlu agonist
3411	A20	Tocris	0513	GBR 12783 dihydrochloride	Potent, selective dopamine uptake inhibitor
3411	A21	Tocris	0222	Kainic acid	Potent excitant and neurotoxin
3411	A22	Tocris	0514	GBR 12935 dihydrochloride	Selective dopamine uptake inhibitor
3411	B03	Tocris	0691	Dipyridamole	Adenosine transport inhibitor
3411	B04	Tocris	0870	MDL 11,939	5-HT <sub>2A</sub> antagonist
3411	B05	Tocris	0692	Ipratropium bromide	Muscarinic antagonist
3411	B06	Tocris	0871	AMT hydrochloride	Potent, selective iNOS inhibitor
3411	B07	Tocris	0694	Pilocarpine hydrochloride	Muscarinic agonist
3411	B08	Tocris	0876	AM 92016 hydrochloride	KV channel blocker
3411	B09	Tocris	0695	Retinoic acid	Endogenous retinoic acid receptor agonist.
3411	B10	Tocris	0877	Luzindole	Competitive melatonin MT <sub>1</sub> /MT <sub>2</sub> antagonist
3411	B11	Tocris	0699	BRL 52537 hydrochloride	Potent and selective κ agonist
3411	B12	Tocris	0878	Oleamide	Potentiator at 5-HT <sub>2A/2C</sub> receptors. Also CB <sub>1</sub> agonist
3411	B13	Tocris	0701	3'-Fluorobenzylpiperone maleate	D <sub>2</sub> -like receptor ligand
3411	B14	Tocris	0879	Palmitoylethanolamide	Selective GPR55 agonist. FAAH and PAA substrate
3411	B15	Tocris	0702	BTCP maleate	Potent dopamine uptake inhibitor
3411	B16	Tocris	0880	ODQ	Selective inhibitor of NO-sensitive guanylyl cyclase
3411	B17	Tocris	0703	Anpirtoline hydrochloride	Highly potent 5-HT <sub>1B</sub> agonist. Also 5-HT <sub>3</sub> antagonist
3411	B18	Tocris	0881	Chlormethiazole hydrochloride	Potentiates GABAA receptor function
3411	B19	Tocris	0705	L-701,252	NMDA antagonist, acts glycine site
3411	B20	Tocris	0882	ZM 226600	KATP channel opener
3411	B21	Tocris	0706	7-Hydroxy-DPAT hydrobromide	Dopamine agonist (D <sub>3</sub> ≥ D <sub>2</sub> > D <sub>4</sub> )
3411	B22	Tocris	0883	BD 1063 dihydrochloride	Selective α <sub>1</sub> ligand, putative antagonist
3411	C03	Tocris	0223	Kynurenic acid	Broad spectrum EAA antagonist
3411	C04	Tocris	0515	Dobutamine hydrochloride	α <sub>1</sub> , β <sub>1</sub> and β <sub>2</sub> agonist
3411	C05	Tocris	0225	Quinolinic acid	Endogenous NMDA agonist and transmitter candidate
3411	C06	Tocris	0518	EBPC	Aldose reductase inhibitor
3411	C07	Tocris	0234	Guvacine hydrochloride	Specific GABA uptake inhibitor
3411	C08	Tocris	0522	Flunarizine dihydrochloride	Dual Na <sup>+</sup> /Ca <sup>2+</sup> channel (T-type) blocker
3411	C09	Tocris	0235	Isoguvacine hydrochloride	Selective GABAA agonist
3411	C10	Tocris	0529	8-Hydroxy-DPAT hydrobromide	Selective 5-HT <sub>1A</sub> agonist. Also has moderate affinity for 5-HT <sub>7</sub>
3411	C11	Tocris	0237	7-Chlorokynurenic acid	Potent competitive inhibitor of L-glutamate uptake
3411	C12	Tocris	0535	HEAT hydrochloride	Highly selective α <sub>1</sub> antagonist
3411	C13	Tocris	0245	2-Hydroxysaclofen	Selective GABAB antagonist, more potent than Cat. No. 0246
3411	C14	Tocris	0537	MR 16728 hydrochloride	Stimulates ACh release
3411	C15	Tocris	0246	Saclofen	Selective GABAB antagonist
3411	C16	Tocris	0538	trans-4-Hydroxycrotonic acid	GHB receptor ligand
3411	C17	Tocris	0254	(S)-AMPA	Selective AMPA agonist. Active isomer of (RS)-AMPA (Cat. No. 0169)
3411	C18	Tocris	0541	Fasudil hydrochloride	Inhibitor of cyclic nucleotide dependent- and Rho-kinases
3411	C19	Tocris	0281	(R)-(+)-HA-966	NMDA partial agonist/antagonist, acts at glycine site
3411	C20	Tocris	0543	C-1	Protein kinase C inhibitor
3411	C21	Tocris	0282	(S)-(-)-HA-966	NMDA antagonist/partial agonist
3411	C22	Tocris	0544	IPAG	Potent σ antagonist
3411	D03	Tocris	0713	Cyclothiazide	AMPA selective desensitization inhibitor
3411	D04	Tocris	0884	Dihydropyridine hydrochloride	Selective D <sub>1</sub> -like agonist

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3411	D05	Tocris	0719	7-Hydroxy-PIPAT maleate	D3 agonist (D3 > D2)
3411	D06	Tocris	0885	Guanabenz acetate	$\alpha$ 2 agonist. Also I2 selective ligand
3411	D07	Tocris	0723	Tetrindole mesylate	MAO-A inhibitor
3411	D08	Tocris	0888	Cirazoline hydrochloride	Selective $\alpha$ 1 agonist
3411	D09	Tocris	0724	Pirlindole mesylate	MAO-A inhibitor
3411	D10	Tocris	0889	RS 45041-190 hydrochloride	High affinity I2 ligand. Highly selective
3411	D11	Tocris	0725	BU 224 hydrochloride	Potent, selective I2 ligand. Putative antagonist
3411	D12	Tocris	0890	Amiloride hydrochloride	Na <sup>+</sup> channel blocker. Also I2 imidazoline ligand
3411	D13	Tocris	0726	BU 239 hydrochloride	Potent, highly selective I2 ligand
3411	D14	Tocris	0891	Rauwolscine hydrochloride	$\alpha$ 2 antagonist
3411	D15	Tocris	0727	Pyrrolidinedithiocarbamate ammonium	Inhibits NF- $\kappa$ B, prevents increase in NOS mRNA
3411	D16	Tocris	0892	Naltriben mesylate	Standard $\delta$ 2 selective antagonist
3411	D17	Tocris	0728	RS 23597-190 hydrochloride	5-HT4 antagonist
3411	D18	Tocris	0894	(RS)-(-)-Sulpiride	Standard selective D2-like antagonist
3411	D19	Tocris	0729	Imetit dihydrobromide	Standard H3 and H4 agonist (H3 > H4)
3411	D20	Tocris	0895	(S)-(-)-Sulpiride	Standard selective D2-like antagonist
3411	D21	Tocris	0730	4-Phenyl-1,2,3,4-tetrahydroisoquinoline hydrochloride	DA release inhibitor
3411	D22	Tocris	0896	GR 135531	High affinity melatonin MT3 ligand
3411	E03	Tocris	0286	5,7-Dichlorokynurenic acid	Potent NMDA antagonist, acts glycine site
3411	E04	Tocris	0545	Ifenprodil hemitartrate	Non-competitive NMDA antagonist. Also $\sigma$ ligand
3411	E05	Tocris	0310	(RS)-4-Carboxy-3-hydroxyphenylglycine	Broad spectrum EAA ligand
3411	E06	Tocris	0552	MMPX	PDE1 inhibitor
3411	E07	Tocris	0312	(RS)-(Tetrazol-5-yl)glycine	Highly potent NMDA receptor agonist
3411	E08	Tocris	0553	NAN-190 hydrobromide	5-HT1A antagonist
3411	E09	Tocris	0320	(S)-4-Carboxy-3-hydroxyphenylglycine	Group I antagonist/group II agonist
3411	E10	Tocris	0554	FG 7142	Benzodiazepine inverse agonist
3411	E11	Tocris	0328	(R)-3-Carboxy-4-hydroxyphenylglycine	Ionotropic glutamate receptor antagonist
3411	E12	Tocris	0556	BP 554 maleate	Selective 5-HT1A agonist
3411	E13	Tocris	0329	(S)-3-Carboxy-4-hydroxyphenylglycine	Group I antagonist/group II agonist
3411	E14	Tocris	0557	$\alpha$ -Methyl-5-hydroxytryptamine maleate	5-HT2B agonist
3411	E15	Tocris	0342	(RS)-3,5-DHPG	Selective group I mGlu agonist
3411	E16	Tocris	0558	2-Methyl-5-hydroxytryptamine hydrochloride	5-HT3 agonist/potent 5-HT6 ligand
3411	E17	Tocris	0347	nor-Binaltorphimine dihydrochloride	Standard $\kappa$ selective antagonist
3411	E18	Tocris	0566	N-Methylquipazine dimaleate	5-HT3 agonist
3411	E19	Tocris	0348	2-BFI hydrochloride	Potent, selective I2 ligand. Putative agonist
3411	E20	Tocris	0568	Metaphit	Acylator of PCP and $\sigma$ receptors
3411	E21	Tocris	0351	1-Acetyl-4-methylpiperazine hydrochloride	Nicotinic agonist
3411	E22	Tocris	0569	(R)-(-)- $\alpha$ -Methylhistamine dihydrobromide	Potent, standard H3 agonist
3411	F03	Tocris	0731	Sulfisoxazole	Endothelin ETA antagonist
3411	F04	Tocris	0897	S-Isopropylisothiourea hydrobromide	iNOS inhibitor, acts arginine binding site
3411	F05	Tocris	0735	3-Bromo-7-nitroindazole	Selective nNOS inhibitor
3411	F06	Tocris	0899	BNTX maleate	Standard $\delta$ 1 selective antagonist
3411	F07	Tocris	0736	2-[1-(4-Piperonyl)piperazinyl]benzotiazole	5-HT4 agonist. Also 5-HT3 antagonist
3411	F08	Tocris	0905	Rolipram	PDE4 inhibitor
3411	F09	Tocris	0737	2-Iodomelatonin	High affinity melatonin agonist
3411	F10	Tocris	0906	Betaxolol hydrochloride	Selective $\beta$ 1 antagonist
3411	F11	Tocris	0740	Naltrindole hydrochloride	$\delta$ selective non-peptide antagonist
3411	F12	Tocris	0907	L-701,324	NMDA antagonist, acts glycine site
3411	F13	Tocris	0741	GF 109203X	Protein kinase C inhibitor
3411	F14	Tocris	0909	Tropicamide	Selective M4 muscarinic antagonist
3411	F15	Tocris	0742	L-689,560	Very potent NMDA antagonist
3411	F16	Tocris	0911	Glibenclamide	K <sup>+</sup> channel blocker (KATP)
3411	F17	Tocris	0743	DPPE fumarate	Inhibitor of histamine binding at the intracellular binding site
3411	F18	Tocris	0912	RU 24969 hemisuccinate	5-HT1B/1A agonist
3411	F19	Tocris	0744	Ceramide	Ser/Thr protein phosphatase activator
3411	F20	Tocris	0914	( $\pm$ )-Bisoprolol hemifumarate	$\beta$ 1 antagonist
3411	F21	Tocris	0748	4-IBP	$\sigma$ ligand, $\sigma$ 1 > $\sigma$ 2

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3411	F22	Tocris	0915	Cilostamide	PDE3 inhibitor
3411	G03	Tocris	0352	4-Acetyl-1,1-dimethylpiperazinium iodide	Nicotinic agonist
3411	G04	Tocris	0571	PCA 4248	PAF receptor antagonist
3411	G05	Tocris	0357	N-Acetyltryptamine	Melatonin partial agonist (MT1/MT2). Also MT3 antagonist
3411	G06	Tocris	0572	(S)-(+)- $\alpha$ -Methylhistamine dihydrobromide	H3 agonist, less active enantiomer
3411	G07	Tocris	0360	( $\pm$ )-1-(1,2-Diphenylethyl)piperidine maleate	NMDA antagonist, acts ion channel site
3411	G08	Tocris	0573	N $\alpha$ -Methylhistamine dihydrochloride	Non-selective H3 agonist
3411	G09	Tocris	0373	NBQX	Potent AMPA antagonist. More selective than CNQX (Cat. No. 0190)
3411	G10	Tocris	0577	Methyl 2,5-dihydroxycinnamate	EGFR-kinase inhibitor
3411	G11	Tocris	0378	A-7 hydrochloride	Calmodulin antagonist
3411	G12	Tocris	0581	3-MPPI	$\alpha$ 1 ligand
3411	G13	Tocris	0382	Arecaidine but-2-ynyl ester tosylate	Muscarinic agonist
3411	G14	Tocris	0582	Methiothepin maleate	Has moderate affinity for 5-HT5 and high affinity for 5-HT6 and 5-HT7. Also antagonist at 5-HT1 and 5-HT2
3411	G15	Tocris	0383	Arecaidine propargyl ester tosylate	Muscarinic agonist
3411	G16	Tocris	0583	Minoxidil	K+ channel (KATP) opener
3411	G17	Tocris	0385	N-[2-(Acetoxy)ethyl]-3-pyridinecarboxamide	K+ channel opener; vasodilator
3411	G18	Tocris	0584	L-(-)- $\alpha$ -Methyl dopa	Aromatic L-amino acid decarboxylase inhibitor
3411	G19	Tocris	0386	3-Methyl-GABA	Activator of GABA amino-transferase
3411	G20	Tocris	0588	5-Methylfurmethiodide	Potent muscarinic agonist
3411	G21	Tocris	0387	(RS)-Atenolol	$\beta$ 1 antagonist
3411	G22	Tocris	0589	PRE-084 hydrochloride	Highly selective $\sigma$ 1 agonist
3411	H03	Tocris	0750	PG-9 maleate	Presynaptic cholinergic modulator
3411	H04	Tocris	0916	Remoxipride hydrochloride	Selective D2-like antagonist
3411	H05	Tocris	0751	SM-21 maleate	Presynaptic cholinergic modulator
3411	H06	Tocris	0917	3-CPMT	Dopamine uptake inhibitor
3411	H07	Tocris	0752	Clobenpropit dihydrobromide	Highly potent H3 antagonist and H4 partial agonist
3411	H08	Tocris	0918	3 $\alpha$ -Bis-(4-fluorophenyl) methoxytropone hydrochloride	Potent dopamine uptake inhibitor
3411	H09	Tocris	0754	N-Benzylnaltrindole hydrochloride	$\delta$ 2 selective non-peptide antagonist
3411	H10	Tocris	0919	TRIM	nNOS/iNOS inhibitor
3411	H11	Tocris	0757	Vinpocetine	Na+ channel blocker
3411	H12	Tocris	0922	SKF 38393 hydrobromide	Selective D1-like agonist
3411	H13	Tocris	0760	AM580	Retinoic acid analog; RAR $\alpha$ agonist
3411	H14	Tocris	0924	(+)-MK 801 maleate	Non-competitive NMDA antagonist, acts at ion channel site
3411	H15	Tocris	0761	TTNPB	Retinoic acid analog; RAR agonist
3411	H16	Tocris	0925	SCH 23390 hydrochloride	Standard selective D1-like antagonist. Also 5-HT2C agonist
3411	H17	Tocris	0763	N-[2-(Piperidinylamino)ethyl]-4-iodobenzamide	$\sigma$ 1 selective ligand
3411	H18	Tocris	0926	$\beta$ -Funaltrexamine hydrochloride	Irreversible $\mu$ -selective antagonist
3411	H19	Tocris	0764	SNC 80	Highly selective non-peptide $\delta$ agonist
3411	H20	Tocris	0927	Fluoxetine hydrochloride	5-HT re-uptake inhibitor
3411	H21	Tocris	0767	Bifemelane hydrochloride	MAO-A and MAO-B inhibitor
3411	H22	Tocris	0928	ARC 239 dihydrochloride	$\alpha$ 2B antagonist
3411	I03	Tocris	0391	Spaglumic acid	Selective mGlu3 agonist
3411	I04	Tocris	0590	Metergoline	5-HT2 antagonist. Also 5-HT1 antagonist and 5-HT1D ligand. Has moderate affinity for 5-HT6 and high affinity for 5-HT7
3411	I05	Tocris	0393	S-(-)-Atenolol	$\beta$ 1-antagonist. Active isomer of atenolol (Cat. No. 0387)
3411	I06	Tocris	0593	NPPB	Chloride channel blocker
3411	I07	Tocris	0395	N-Acetylglycyl-D-glutamic acid	Potent convulsant
3411	I08	Tocris	0597	Naftopidil hydrochloride	$\alpha$ 1 antagonist
3411	I09	Tocris	0405	$\beta$ -CCB	Benzodiazepine inverse agonist, putative endogenous ligand
3411	I10	Tocris	0599	Naloxone hydrochloride	Broad spectrum opioid antagonist
3411	I11	Tocris	0411	MDL 73005EF hydrochloride	Potent and selective 5-HT1A partial agonist
3411	I12	Tocris	0600	Nimodipine	Ca2+ channel blocker (L-type)
3411	I13	Tocris	0412	MDL 72832 hydrochloride	Potent 5-HT1A ligand
3411	I14	Tocris	0601	Nitrendipine	Ca2+ channel blocker (L-type)
3411	I15	Tocris	0415	Ro 20-1724	PDE4 inhibitor
3411	I16	Tocris	0602	7-Nitroindazole	Non-selective NOS inhibitor
3411	I17	Tocris	0416	YS-035 hydrochloride	Inhibits K+ outward/pacemaker current

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3411	I18	Tocris	0604	Nicergoline	$\alpha$ antagonist
3411	I19	Tocris	0420	GBR 13069 dihydrochloride	Potent dopamine uptake inhibitor
3411	I20	Tocris	2239	GW 583340 dihydrochloride	Potent dual EGFR/ErbB2 inhibitor; orally active
3411	I21	Tocris	0421	GBR 12909 dihydrochloride	Selective DA uptake inhibitor. Also $\sigma$ ligand
3411	I22	Tocris	0609	( $\pm$ )-Palmitoylcarnitine chloride	Protein kinase C inhibitor
3411	J03	Tocris	0768	Riluzole hydrochloride	Glutamate release inhibitor/GABA uptake inhibitor
3411	J04	Tocris	0929	ICI 215,001 hydrochloride	$\beta$ 3 agonist
3411	J05	Tocris	0773	Memantine hydrochloride	NMDA antagonist; acts at ion channel site
3411	J06	Tocris	0930	ZD 7114 hydrochloride	$\beta$ 3 agonist
3411	J07	Tocris	0775	(+)-UH 232 maleate	D2-like autoreceptor antagonist. D3 partial agonist.
3411	J08	Tocris	0932	Immepip dihydrobromide	Standard H3 agonist. Also H4 agonist
3411	J09	Tocris	0778	ICI-199,441 hydrochloride	Potent $\kappa$ agonist
3411	J10	Tocris	0933	MM 77 dihydrochloride	5-HT1A (postsynaptic) antagonist
3411	J11	Tocris	0779	Iodophenpropit dihydrobromide	Potent, selective H3 antagonist
3411	J12	Tocris	0934	Olvanil	Potent vanilloid receptor agonist
3411	J13	Tocris	0780	NCS-382	Antagonist of $\gamma$ -hydroxybutyric acid
3411	J14	Tocris	0935	Maprotiline hydrochloride	Noradrenalin re-uptake inhibitor
3411	J15	Tocris	0781	L-694,247	5-HT1D agonist
3411	J16	Tocris	0937	Pimozide	D2-like antagonist
3411	J17	Tocris	0782	2-CMDO	D2-like antagonist. Displays some D4 selectivity
3411	J18	Tocris	0946	WB 4101 hydrochloride	$\alpha$ 1A antagonist
3411	J19	Tocris	0783	N-MPPP Hydrochloride	Selective $\kappa$ agonist
3411	J20	Tocris	0947	Zaprinast	PDE5/6/9/11 inhibitor
3411	J21	Tocris	0784	Ketotifen fumarate	H1 antagonist
3411	J22	Tocris	0948	BRL 37344, sodium salt	$\beta$ 3 agonist
3411	K03	Tocris	0424	Benzoquinonium dibromide	Nicotinic antagonist
3411	K04	Tocris	0610	Parthenolide	5-HT release inhibitor
3411	K05	Tocris	0425	UK 14,304	$\alpha$ 2 agonist
3411	K06	Tocris	0620	4-PPBP maleate	Specific $\sigma$ ligand, NMDA antagonist
3411	K07	Tocris	0426	L-693,403 maleate	High affinity $\sigma$ ligand
3411	K08	Tocris	0623	Prazosin hydrochloride	$\alpha$ 1 and $\alpha$ 2B antagonist. MT3 antagonist
3411	K09	Tocris	0427	Bromocriptine mesylate	Selective D2-like agonist
3411	K10	Tocris	0624	Propranolol hydrochloride	$\beta$ antagonist
3411	K11	Tocris	0430	SC-10	Protein kinase C activator
3411	K12	Tocris	0627	2-PMDQ	Potent, selective $\alpha$ 1 antagonist
3411	K13	Tocris	0431	ML 9 hydrochloride	Myosin light chain kinase inhibitor
3411	K14	Tocris	0629	Quipazine dimaleate	5-HT3 agonist
3411	K15	Tocris	0432	MY-5445	PDE5 inhibitor
3411	K16	Tocris	0630	Rosmarinic acid	Anti-inflammatory, cytostatic and anti-viral
3411	K17	Tocris	0433	SC-9	Protein kinase C activator
3411	K18	Tocris	0631	Spiroxitrine	Potent $\alpha$ 2C antagonist
3411	K19	Tocris	0438	Etazolate hydrochloride	PDE4 inhibitor
3411	K20	Tocris	2559	TPCA-1	Potent, selective inhibitor of IKK-2
3411	K21	Tocris	0439	DPCPX	A1 selective antagonist
3411	K22	Tocris	0636	Salsolinol-1-carboxylic acid	Endogenous amino acid
3411	L03	Tocris	0785	SB 203186 hydrochloride	5-HT4 antagonist
3411	L04	Tocris	0950	Xamoterol hemifumarate	$\beta$ 1 selective partial agonist
3411	L05	Tocris	0786	MCI-186	Anti-ischemic and antioxidant
3411	L06	Tocris	0952	Sotalol hydrochloride	$\beta$ antagonist
3411	L07	Tocris	0787	Aminoguanidine hydrochloride	Irreversible iNOS inhibitor
3411	L08	Tocris	0955	(-)-MK 801 maleate	NMDA antagonist, less active enantiomer
3411	L09	Tocris	0788	3-Aminobenzamide	PARP inhibitor
3411	L10	Tocris	0956	BD 1047 dihydrobromide	$\sigma$ 1 selective antagonist
3411	L11	Tocris	0790	Rilmenidine hemifumarate	$\alpha$ 2 agonist. Also I1 ligand
3411	L12	Tocris	0959	Spermidine trihydrochloride	Agonist at polyamine site
3411	L13	Tocris	0791	Antazoline hydrochloride	Imidazoline ligand
3411	L14	Tocris	0961	SYM 2206	Non-competitive AMPA antagonist
3411	L15	Tocris	0792	Efaroxan hydrochloride	$\alpha$ 2 antagonist and I1, I3 ligand
3411	L16	Tocris	0963	9-AC	Chloride transport inhibitor
3411	L17	Tocris	0793	Idazoxan hydrochloride	$\alpha$ 2 antagonist. Also I2 ligand
3411	L18	Tocris	0964	Diazoxide	Blocks desensitization of AMPA receptors
3411	L19	Tocris	0800	7-NINA	Non-selective NOS inhibitor. Sodium salt of 7-nitroindazole (Cat. No. 0602)
3411	L20	Tocris	0969	1-Phenylbiguanide hydrochloride	5-HT3 agonist
3411	L21	Tocris	0805	(S)-3,5-DHPG	Selective group I mGlu agonist. Active enantiomer of 3,5-DHPG (Cat. No. 0342)
3411	L22	Tocris	0985	RS 17053 hydrochloride	$\alpha$ 1A antagonist
3411	M03	Tocris	0440	m-Chlorophenylbiguanide hydrochloride	Potent and specific 5-HT3 agonist
3411	M04	Tocris	0640	MDL 72222	5-HT3 antagonist
3411	M05	Tocris	0442	4-Chlorophenylguanidine hydrochloride	Urokinase inhibitor

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3411	M06	Tocris	0641	Tropanyl-3,5-dimethylbenzoate	5-HT3 antagonist
3411	M07	Tocris	0443	6-Chloromelatonin	Melatonin agonist
3411	M08	Tocris	0644	Thioperamide	H3 antagonist and H4 inverse agonist
3411	M09	Tocris	0448	Calpeptin	Calpain and cathepsin L inhibitor
3411	M10	Tocris	0646	HTMT dimaleate	H1 / H2 agonist
3411	M11	Tocris	0454	Carbetapentane citrate	High affinity $\sigma$ 1 ligand
3411	M12	Tocris	0649	(S)-Timolol maleate	$\beta$ 1 antagonist
3411	M13	Tocris	0455	(S)-(-)-Carbidopa	Aromatic L-amino acid decarboxylase inhibitor
3411	M14	Tocris	0653	( $\pm$ )-Vesamicol hydrochloride	Inhibits ACh transport
3411	M15	Tocris	0456	Chlormezanone	Skeletal muscle relaxant
3411	M16	Tocris	0658	FGIN-1-27	Potent, specific ligand for mitochondrial DBI receptor
3411	M17	Tocris	0457	Clomipramine hydrochloride	5-HT re-uptake inhibitor
3411	M18	Tocris	0659	FGIN-1-43	Potent, specific ligand for mitochondrial DBI receptor
3411	M19	Tocris	0458	5-Carboxamidotryptamine maleate	5-HT1 agonist. Also has high affinity for 5-HT5a and 5-HT7
3411	M20	Tocris	0660	Mepyramine maleate	Selective H1 inverse agonist
3411	M21	Tocris	0460	Cinanserin hydrochloride	Selective 5-HT2 antagonist
3411	M22	Tocris	2828	NU 7026	Selective DNA-PK inhibitor
3411	N03	Tocris	0807	THIP hydrochloride	GABAA agonist
3411	N04	Tocris	0986	Imiloxan hydrochloride	Highly selective $\alpha$ 2B antagonist
3411	N05	Tocris	0821	ICI-118,551 hydrochloride	Very selective $\beta$ 2 antagonist
3411	N06	Tocris	0987	RS 79948 hydrochloride	Potent, selective $\alpha$ 2 antagonist
3411	N07	Tocris	0825	Clofibric acid	PPAR agonist
3411	N08	Tocris	0988	RS 56812 hydrochloride	5-HT3 partial agonist
3411	N09	Tocris	0826	Tiotidine	Potent, selective H2 antagonist
3411	N10	Tocris	0989	RS 67333 hydrochloride	5-HT4 partial agonist
3411	N11	Tocris	0829	Pronethalol hydrochloride	$\beta$ antagonist
3411	N12	Tocris	0990	RS 67506 hydrochloride	5-HT4 partial agonist
3411	N13	Tocris	0830	Primidone	Potentiates GABAA receptor function
3411	N14	Tocris	0991	RS 39604 hydrochloride	5-HT4 antagonist
3411	N15	Tocris	0833	ICI-162,846	Potent H2 antagonist, active in vivo
3411	N16	Tocris	0992	Isamoltane hemifumarate	5-HT1B antagonist
3411	N17	Tocris	0834	(S)-(-)-Propranolol hydrochloride	$\beta$ antagonist. More active enantiomer of propranolol (Cat. No. 0624)
3411	N18	Tocris	0995	Spiperone hydrochloride	5-HT2A antagonist. Also D2-like antagonist
3411	N19	Tocris	0835	(R)-(+)-Propranolol hydrochloride	$\beta$ antagonist. Less active enantiomer of propranolol (Cat. No. 0624)
3411	N20	Tocris	0997	Mianserin hydrochloride	5-HT2 antagonist. Has moderate affinity for 5-HT6
3411	N21	Tocris	0836	ICI-185,282	Potent thromboxane receptor antagonist
3411	N22	Tocris	0998	AH 11110 hydrochloride	Subtype-selective $\alpha$ 1B ligand
3411	O03	Tocris	0464	Capsazepine	Vanilloid receptor antagonist. Also activator of ENaC $\delta$
3411	O04	Tocris	0662	trans-Triprolidine hydrochloride	Standard H1 antagonist, highly potent
3411	O05	Tocris	0469	Nitrocaramiphen hydrochloride	Muscarinic antagonist, M1 > M2
3411	O06	Tocris	0665	L-NAME hydrochloride	Non-selective NOS inhibitor
3411	O07	Tocris	0474	Dihydroergocristine mesylate	Partial $\alpha$ agonist. Non-selective
3411	O08	Tocris	0668	Amthamine dihydrobromide	Highly selective standard H2 agonist
3411	O09	Tocris	0475	Dihydroergotamine mesylate	Partial $\alpha$ agonist. Non-selective
3411	O10	Tocris	0670	PK 11195	Antagonist at peripheral benzodiazepine receptors
3411	O11	Tocris	0478	Fluoramide	Urease inhibitor
3411	O12	Tocris	0671	AH 6809	EP1 and EP2 receptor antagonist
3411	O13	Tocris	0481	Dilazep dihydrochloride	Adenosine uptake inhibitor
3411	O14	Tocris	0675	NPC 15199	Increases intracellular Ca2+ levels
3411	O15	Tocris	0482	4-DAMP	Muscarinic M3 antagonist
3411	O16	Tocris	0678	(+)-AJ 76 hydrochloride	Antagonist; preferential action at D2-like autoreceptors
3411	O17	Tocris	0483	OR-486	Catechol-O-methyl transferase inhibitor
3411	O18	Tocris	0680	2-Phenylmelatonin	Potent melatonin agonist
3411	O19	Tocris	0485	Alrestatin	Aldose reductase inhibitor
3411	O20	Tocris	0681	L-690,330	Inositol monophosphatase inhibitor
3411	O21	Tocris	0486	1,3-Dipropyl-8-phenylxanthine	A1 selective antagonist
3411	O22	Tocris	0685	Diltiazem hydrochloride	Ca2+ channel blocker (L-type)
3411	P03	Tocris	0837	ICI 192,605	Potent thromboxane A2/TP receptor antagonist
3411	P04	Tocris	0999	Tamoxifen citrate	Estrogen receptor partial agonist/antagonist
3411	P05	Tocris	0839	DHBP dibromide	Ca2+ release inhibitor
3411	P06	Tocris	1000	ZD 7288	Sino-atrial node function modulator (If inhibitor)
3411	P07	Tocris	0841	DTG	High affinity ligand ( $\sigma$ 1 = $\sigma$ 2)
3411	P08	Tocris	1002	L-745,870 trihydrochloride	Highly selective D4 antagonist
3411	P09	Tocris	0843	Oxotremorine sesquifumarate	Muscarinic agonist

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3411	P10	Tocris	1004	L-741,742 hydrochloride	Highly selective D4 antagonist
3411	P11	Tocris	0847	Statil	Aldose reductase inhibitor
3411	P12	Tocris	1006	BMY 7378 dihydrochloride	Selective $\alpha$ 1D antagonist
3411	P13	Tocris	0855	MTPG	Group II/group III mGlu antagonist. More selective for group II than group III
3411	P14	Tocris	1007	N-Desmethylozapine	5-HT2C antagonist
3411	P15	Tocris	0864	GR 46611	5-HT1D agonist
3411	P16	Tocris	1014	QX 314 bromide	Na+ channel blocker
3411	P17	Tocris	0867	Aniracetam	Desensitization inhibitor (AMPA > kainate)
3411	P18	Tocris	1015	RS 16566 dihydrochloride	5-HT3 ligand. Also shows affinity for zacopride binding site
3411	P19	Tocris	0868	L-732,138	Potent, selective NK1 antagonist
3411	P20	Tocris	1018	LY 225910	Potent CCK2 antagonist
3411	P21	Tocris	0869	Felbamate	NMDA antagonist, acts glycine site
3411	P22	Tocris	1025	Nisoxetine hydrochloride	Noradrenalin re-uptake inhibitor
3412	A03	Tocris	1027	PHCCC	Potent group I mGlu antagonist
3412	A04	Tocris	1224	2-APB	IP3 receptor antagonist. Also TRP channel modulator
3412	A05	Tocris	1028	CPCCOEt	Selective non-competitive mGlu1 receptor antagonist
3412	A06	Tocris	1226	Etoposide	Topoisomerase II inhibitor
3412	A07	Tocris	1029	Methyllycaconitine citrate	$\alpha$ 7 neuronal nicotinic receptor antagonist
3412	A08	Tocris	1227	Apigenin	Protein kinase inhibitor
3412	A09	Tocris	1031	Piribedil	Dopamine agonist
3412	A10	Tocris	1228	Nocodazole	Microtubule inhibitor
3412	A11	Tocris	1032	CP 93129 dihydrochloride	5-HT1B agonist
3412	A12	Tocris	1231	Brefeldin A	Disrupts protein translocation to Golgi
3412	A13	Tocris	1033	Fluvoxamine maleate	5-HT re-uptake inhibitor
3412	A14	Tocris	1236	BHQ	Inhibitor of SERCA ATPase
3412	A15	Tocris	1034	4-P-PDOT	MT2 antagonist
3412	A16	Tocris	1238	CCMQ	Used to characterize NR2B-containing NMDA receptors
3412	A17	Tocris	1035	8-M-PDOT	Melatonin agonist
3412	A18	Tocris	1242	SB 216641 hydrochloride	Selective h5-HT1B antagonist
3412	A19	Tocris	1036	ZM 241385	Potent, highly selective A2A antagonist
3412	A20	Tocris	1243	(+)-PD 128907 hydrochloride	D3 agonist (D3 $\geq$ D2 > D4)
3412	A21	Tocris	1041	1-EBIO	Activator of epithelial Kca channels
3412	A22	Tocris	1244	KB-R7943 mesylate	Na+/Ca2+ exchange inhibitor (reverse mode)
3412	B03	Tocris	1430	DuP 697	Cyclooxygenase-2 (COX-2) inhibitor
3412	B04	Tocris	1671	PD 102807	Selective M4 antagonist
3412	B05	Tocris	1435	SQ 22536	Adenylyl cyclase inhibitor
3412	B06	Tocris	1672	RU 28318, potassium salt	Potent, selective mineralocorticoid receptor antagonist
3412	B07	Tocris	1437	D609	Selective PC-PLC inhibitor
3412	B08	Tocris	1675	YM 90709	Interleukin-5 receptor antagonist
3412	B09	Tocris	1440	BMY 14802 hydrochloride	Sigma antagonist. Antipsychotic agent
3412	B10	Tocris	1676	T 0156 hydrochloride	Highly potent, selective PDE5 inhibitor
3412	B11	Tocris	1441	BMS 182874 hydrochloride	Highly selective, orally active non-peptide ETA antagonist
3412	B12	Tocris	1677	GW 7647	Highly selective, potent PPAR $\alpha$ agonist. Orally active
3412	B13	Tocris	1442	BMY 45778	Non-prostanoid prostacyclin IP receptor partial agonist
3412	B14	Tocris	1682	PIT	P2Y ligand; displays mixed antagonism/potential
3412	B15	Tocris	1447	SKF 81297 hydrobromide	D1 agonist
3412	B16	Tocris	1691	NECA	Adenosine receptor agonist
3412	B17	Tocris	1448	Formoterol hemifumarate	Potent and selective $\beta$ 2 agonist
3412	B18	Tocris	1692	Cilostazol	PDE3A inhibitor. Also adenosine uptake inhibitor
3412	B19	Tocris	1453	Clemastine fumarate	H1 antagonist
3412	B20	Tocris	1694	Ibudilast	PDE inhibitor (non-selective)
3412	B21	Tocris	1454	GYKI 52466 hydrochloride	Selective non-competitive AMPA antagonist
3412	B22	Tocris	1695	Cisapride	5-HT4 agonist; stimulates intestinal ACh release
3412	C03	Tocris	1042	N-Methylidocaine iodide	Enhances biosynthesis of phosphatidylinositol
3412	C04	Tocris	1248	CGP 55845	Potent, selective GABAB antagonist
3412	C05	Tocris	1043	QX 222	Na+ channel blocker
3412	C06	Tocris	1249	CY 208-243	Selective D1-like agonist
3412	C07	Tocris	1044	NBQX disodium salt	Potent AMPA antagonist. More water soluble form of NBQX (Cat. No. 0373)
3412	C08	Tocris	1250	SDZ 220-581	Competitive NMDA antagonist
3412	C09	Tocris	1046	Zardaverine	PDE3/4 inhibitor
3412	C10	Tocris	1251	SDZ 220-040	Potent, competitive NMDA antagonist
3412	C11	Tocris	1047	ICI 182,780	Estrogen receptor antagonist
3412	C12	Tocris	1255	SDZ SER 082 fumarate	Selective 5-HT2B/2C antagonist
3412	C13	Tocris	1048	1-BCP	Modulates AMPA-mediated responses
3412	C14	Tocris	1256	Vinblastine sulfate	Disrupts microtubules
3412	C15	Tocris	1049	CHPG	mGlu5 selective agonist
3412	C16	Tocris	1259	1-Deoxymannojirimycin hydrochloride	$\alpha$ -Mannosidase I inhibitor
3412	C17	Tocris	1050	RS 102221 hydrochloride	Selective 5-HT2C antagonist
3412	C18	Tocris	1262	SR 95531 hydrobromide	Selective, competitive GABAA receptor antagonist
3412	C19	Tocris	1052	A 61603 hydrobromide	$\alpha$ 1A agonist
3412	C20	Tocris	1263	GR 144053 trihydrochloride	Glycoprotein IIb/IIIa ( $\alpha$ IIb $\beta$ 3) receptor antagonist. Antithrombotic
3412	C21	Tocris	1057	WIN 64338 hydrochloride	Bradykinin B2 antagonist
3412	C22	Tocris	1264	SB 202190	Potent, selective inhibitor of p38 MAPK
3412	D03	Tocris	1459	SU 4312	Potent inhibitor of VEGFR tyrosine kinase

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3412	D04	Tocris	1697	Noscapine hydrochloride	Tubulin inhibitor; induces apoptosis
3412	D05	Tocris	1460	PACOCF3	Phospholipase A2 inhibitor
3412	D06	Tocris	1698	L 655240	Potent, selective thromboxane A2/prostaglandin endoperoxide antagonist
3412	D07	Tocris	1461	Linomide	Immunomodulator with antiangiogenic properties
3412	D08	Tocris	1699	CGS 15943	Potent adenosine receptor antagonist
3412	D09	Tocris	1470	Flecainide acetate	Cardiac Na <sup>+</sup> channel blocker. Antiarrhythmic
3412	D10	Tocris	1701	A 77636 hydrochloride	Potent, selective D1-like agonist. Orally active
3412	D11	Tocris	1471	Etomidate	GABA mimetic and GABA modulatory agent
3412	D12	Tocris	1702	N6-Cyclopentyladenosine	Potent, selective A1 agonist
3412	D13	Tocris	1472	Suramin hexasodium salt	Non-selective P2 antagonist
3412	D14	Tocris	1705	2-Chloro-N6-cyclopentyladenosine	Potent, selective A1 agonist
3412	D15	Tocris	1477	GR 127935 hydrochloride	Potent, selective 5-HT1B/1D antagonist
3412	D16	Tocris	1706	Acetaminophen	Cyclooxygenase inhibitor; may be selective for COX-3
3412	D17	Tocris	1479	Mifepristone	Progesterone and glucocorticoid antagonist
3412	D18	Tocris	1709	CL 218872	Benzodiazepine agonist
3412	D19	Tocris	1480	FIT	Irreversible $\delta$ agonist
3412	D20	Tocris	1710	CV 1808	Non-selective adenosine A2 receptor agonist
3412	D21	Tocris	1484	Oleyethanolamide	GPR55 agonist. Also PPAR $\alpha$ agonist
3412	D22	Tocris	1742	R-96544 hydrochloride	Potent, selective 5-HT2A antagonist
3412	E03	Tocris	1059	BW 723C86 hydrochloride	5-HT2B agonist
3412	E04	Tocris	1267	Pifithrin- $\alpha$ hydrobromide	p53 inhibitor. Also aryl hydrocarbon receptor agonist
3412	E05	Tocris	1060	(S)-(-)-Pindolol	$\beta$ 3 partial agonist. More active enantiomer of pindolol (Cat. No. 0994)
3412	E06	Tocris	1274	GR 159897	Non-peptide, potent NK2 antagonist
3412	E07	Tocris	1061	(-)-Quinpirole hydrochloride	Selective D2-like agonist
3412	E08	Tocris	1282	GNTI dihydrochloride	Potent, selective $\kappa$ antagonist
3412	E09	Tocris	1066	IB-MECA	A3 selective agonist
3412	E10	Tocris	1284	Olomoucine	Cyclin-dependent kinase inhibitor
3412	E11	Tocris	1070	Zolantidine dimaleate	Potent, centrally active H2 antagonist
3412	E12	Tocris	1295	Loxerleazole hydrochloride	Subtype-selective GABAA receptor modulator
3412	E13	Tocris	1072	AGN 192403 hydrochloride	I1 selective ligand
3412	E14	Tocris	1296	CI 966 hydrochloride	Selective inhibitor of GAT-1
3412	E15	Tocris	1074	(RS)-AMPA hydrobromide	Selective AMPA agonist. More water soluble form of (RS)-AMPA (Cat. No. 0169)
3412	E16	Tocris	1302	(S)-3,4-DCPG	Potent, selective mGlu8a agonist
3412	E17	Tocris	1075	Nifedipine	Ca <sup>2+</sup> channel blocker (L-type)
3412	E18	Tocris	1304	BW-B 70C	5-Lipoxygenase inhibitor
3412	E19	Tocris	1076	Ouabain	Na <sup>+</sup> ,K <sup>+</sup> -ATPase inhibitor
3412	E20	Tocris	1305	Monastrol	Selective inhibitor of mitotic kinesin Eg5
3412	E21	Tocris	1079	(+)-SK&F 10047 hydrochloride	$\sigma$ 1 selective agonist
3412	E22	Tocris	1307	Ciglitazone	Selective PPAR $\gamma$ agonist
3412	F03	Tocris	1493	CGP 78608	Potent, selective glycine-site NMDA antagonist
3412	F04	Tocris	1746	Nemonapride	Highly potent D2-like antagonist. Also 5-HT1A agonist
3412	F05	Tocris	1496	SP 600125	Novel and selective JNK inhibitor
3412	F06	Tocris	1747	Isoproterenol hydrochloride	Standard selective $\beta$ agonist
3412	F07	Tocris	1497	Rimcazole dihydrochloride	$\sigma$ 2 antagonist. Also DAT inhibitor
3412	F08	Tocris	1757	ALX 5407 hydrochloride	Selective non-transportable GlyT1 inhibitor
3412	F09	Tocris	1505	Mycophenolic acid	Inosine monophosphatase dehydrogenase inhibitor
3412	F10	Tocris	1758	PETCM	Activator of caspase-3
3412	F11	Tocris	1506	Terazosin hydrochloride	$\alpha$ 1 and $\alpha$ 2B antagonist ( $\alpha$ 1 > $\alpha$ 2B). Orally active
3412	F12	Tocris	1760	( $\pm$ )-Blebbistatin	Selective inhibitor of myosin II
3412	F13	Tocris	1507	FR 122047 hydrochloride	Cyclooxygenase (COX-1) inhibitor
3412	F14	Tocris	1761	Baicalein	5- and 12-Lipoxygenase inhibitor
3412	F15	Tocris	1508	GW 9662	Selective PPAR $\gamma$ antagonist
3412	F16	Tocris	1762	Acifran	Hypolipidemic agent; agonist for the GPR109A (HM74A) and GPR109B receptors
3412	F17	Tocris	1509	TMS	Cytochrome P450 1B1 inhibitor
3412	F18	Tocris	1767	Zimelidine dihydrochloride	Selective 5-HT uptake inhibitor
3412	F19	Tocris	1510	Ozagrel hydrochloride	Selective thromboxane A2 synthetase inhibitor
3412	F20	Tocris	1771	S 14506 hydrochloride	Highly potent 5-HT1A agonist; displays unique binding mechanism
3412	F21	Tocris	1511	SR 59230A hydrochloride	Potent and selective $\beta$ 3 antagonist
3412	F22	Tocris	1772	Urapidil hydrochloride	$\alpha$ 1 antagonist. Also 5-HT1A receptor agonist
3412	G03	Tocris	1081	SKF 89976A hydrochloride	Potent GABA uptake inhibitor. Penetrates blood brain barrier
3412	G04	Tocris	3857	Dexrazoxane hydrochloride	Topoisomerase II inhibitor
3412	G05	Tocris	1082	CFM-2	Non-competitive AMPA antagonist
3412	G06	Tocris	1312	WY 14643	Selective PPAR $\alpha$ agonist
3412	G07	Tocris	1088	CGP 54626 hydrochloride	Potent, selective GABAB antagonist
3412	G08	Tocris	1317	CP 94253 hydrochloride	Potent, selective 5-HT1B agonist
3412	G09	Tocris	1089	8-Bromo-cGMP, sodium salt	cGMP analog; activates PKG
3412	G10	Tocris	1321	ZM 336372	Potent, selective c-Raf inhibitor
3412	G11	Tocris	1091	BU 226 hydrochloride	Potent, highly selective I2 ligand
3412	G12	Tocris	1322	GR 113808	Potent, selective 5-HT4 antagonist
3412	G13	Tocris	1093	Pirfenidone	Antifibrotic agent; regulates cytokine levels in vivo
3412	G14	Tocris	1324	RX 821002 hydrochloride	Potent, selective $\alpha$ 2D antagonist

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3412	G15	Tocris	1097	Taxol	Promotes assembly and inhibits disassembly of microtubules
3412	G16	Tocris	1325	RS 100329 hydrochloride	Potent, subtype-selective $\alpha$ 1A antagonist
3412	G17	Tocris	1098	Tranilast	Antiallergic, inhibits release from mast cells
3412	G18	Tocris	1327	L-655,708	Selective for $\alpha$ 5-containing GABAA receptors
3412	G19	Tocris	1099	Forskolin	Adenylyl cyclase activator
3412	G20	Tocris	1328	Flumazenil	Benzodiazepine antagonist
3412	G21	Tocris	1101	Cyclosporin A	Calcineurin inhibitor
3412	G22	Tocris	3858	CH 223191	Potent aryl hydrocarbon receptor (AhR) antagonist
3412	H03	Tocris	1512	SB 205384	GABAA receptor modulator; slows current decay
3412	H04	Tocris	1777	Arctigenin	Potent MKK1 inhibitor. Also inhibits I $\kappa$ B $\alpha$ phosphorylation
3412	H05	Tocris	1513	CGP 7930	Positive modulator at GABAB receptors
3412	H06	Tocris	1778	Ro 106-9920	Inhibitor of NF- $\kappa$ B activation
3412	H07	Tocris	1514	CGP 13501	Positive modulator at GABAB receptors
3412	H08	Tocris	1779	NNC 711	Selective inhibitor of GAT-1
3412	H09	Tocris	1516	SDZ 21009	$\beta$ -adrenoceptor antagonist. Also 5-HT1A/1B antagonist
3412	H10	Tocris	1780	NNC 63-0532	Potent non-peptide NOP agonist; brain penetrant
3412	H11	Tocris	1518	5-Iodo-A-85380 dihydrochloride	High affinity $\alpha$ 4 $\beta$ 2 and $\alpha$ 6 $\beta$ 2 subtype-selective agonist
3412	H12	Tocris	1795	Zacopride hydrochloride	Highly potent 5-HT3 receptor antagonist. Also 5-HT4 agonist
3412	H13	Tocris	1524	LY 288513	Selective CCK2 antagonist
3412	H14	Tocris	1797	OMDM-2	Potent inhibitor of anandamide uptake
3412	H15	Tocris	1526	Mevastatin	HMG-CoA reductase inhibitor
3412	H16	Tocris	1798	Gabexate mesylate	Serine protease inhibitor; inhibits thrombin, trypsin, kallikrein and plasmin
3412	H17	Tocris	3862	Eletriptan hydrobromide	Orally active, selective 5-HT1B/1D agonist
3412	H18	Tocris	1801	WAY 161503 hydrochloride	Potent, selective 5-HT2C agonist
3412	H19	Tocris	1530	Lovastatin	HMG-CoA reductase inhibitor
3412	H20	Tocris	1804	SR 2640 hydrochloride	Potent, selective LTD4 /LTE4 receptor antagonist
3412	H21	Tocris	1531	Icilin	Activates a novel cold receptor. Cooling agent
3412	H22	Tocris	1807	2-Methoxyestradiol	Apoptotic and antiangiogenic agent
3412	I03	Tocris	1102	Procaterol hydrochloride	Potent $\beta$ 2 agonist
3412	I04	Tocris	1348	UB 165 fumarate	Subunit selective nAChR agonist
3412	I05	Tocris	1104	2-CI-IB-MECA	Highly selective A3 agonist
3412	I06	Tocris	1349	(R)-(-)-Rolipram	PDE4 inhibitor. More active enantiomer of rolipram (Cat. No. 0905)
3412	I07	Tocris	1105	AF-DX 116	Selective M2 antagonist
3412	I08	Tocris	1350	(S)-(+)-Rolipram	PDE4 inhibitor. Less active enantiomer of rolipram (Cat. No. 0905)
3412	I09	Tocris	1107	ATPA	Selective, potent GluR5 agonist
3412	I10	Tocris	1356	MG 624	$\alpha$ 7 neuronal nicotinic receptor antagonist
3412	I11	Tocris	1109	GR 103691	Highly selective D3 antagonist
3412	I12	Tocris	1357	U 99194 maleate	Potent, selective D3 antagonist
3412	I13	Tocris	1110	Genistein	EGFR kinase inhibitor. Also estrogen and PPAR $\gamma$ ligand
3412	I14	Tocris	1361	PD 123319 ditrifluoroacetate	Potent, selective non-peptide AT2 antagonist
3412	I15	Tocris	1114	CGP 37157	Antagonist of mitochondrial Na <sup>+</sup> /Ca <sup>2+</sup> exchange
3412	I16	Tocris	1363	PD 81723	Allosteric potentiator of A1 receptors
3412	I17	Tocris	1115	AM 281	Potent, selective CB1 antagonist/inverse agonist
3412	I18	Tocris	1366	ZM 449829	Potent, selective JAK3 inhibitor
3412	I19	Tocris	1116	AM 404	Anandamide transport inhibitor
3412	I20	Tocris	1367	ZM 39923 hydrochloride	Potent, selective JAK3 inhibitor
3412	I21	Tocris	1117	AM 251	Potent CB1 antagonist. Also GPR55 agonist
3412	I22	Tocris	1371	SB 200646 hydrochloride	5-HT2C/2B antagonist
3412	J03	Tocris	1540	DCPIB	Selective blocker of VSAC/ICI, swell. Inhibits glucose-stimulated insulin release
3412	J04	Tocris	1808	E-4031 dihydrochloride	hERG channel blocker; inhibits rapid delayed rectifier K <sup>+</sup> current (IKr)
3412	J05	Tocris	1542	Splitomicin	Sir2p inhibitor
3412	J06	Tocris	1809	Altanserin hydrochloride	5-HT2A receptor antagonist
3412	J07	Tocris	1544	( $\pm$ )-Bay K 8644	Ca <sup>2+</sup> -channel activator (L-type)
3412	J08	Tocris	1810	Raclopride	Potent, selective D2/D3 antagonist
3412	J09	Tocris	1546	(S)-(-)-Bay K 8644	Ca <sup>2+</sup> -channel activator (L-type)
3412	J10	Tocris	1813	Indirubin-3'-oxime	GSK-3 $\beta$ inhibitor. Also inhibits other protein kinases
3412	J11	Tocris	1547	NSC 95397	Selective Cdc25 dual specificity phosphatase inhibitor
3412	J12	Tocris	1816	ICI 63197	PDE4 inhibitor
3412	J13	Tocris	1548	Cantharidin	Protein phosphatase 1 and 2A inhibitor
3412	J14	Tocris	1821	YM 976	PDE4 inhibitor
3412	J15	Tocris	1549	CD 437	RAR $\gamma$ -selective agonist
3412	J16	Tocris	1838	IRL-2500	Potent ETB antagonist
3412	J17	Tocris	1550	SC 560	Cyclooxygenase (COX-1) inhibitor
3412	J18	Tocris	1842	RHC 80267	Diacylglycerol lipase inhibitor
3412	J19	Tocris	3865	Licarbazepine	Active metabolite of oxcarbazepine (Cat. No. 3684)
3412	J20	Tocris	1847	Eticlopride hydrochloride	Selective D2/D3 antagonist
3412	J21	Tocris	1554	Piceatannol	Inhibits TNF-induced NF- $\kappa$ B activation
3412	J22	Tocris	1849	EMD 66684	Potent, selective non-peptide AT1 antagonist
3412	K03	Tocris	1120	AM 630	CB2 selective antagonist/inverse agonist
3412	K04	Tocris	1375	SB 228357	5-HT2C/2B antagonist/inverse agonist
3412	K05	Tocris	1122	Telenzepine dihydrochloride	Potent, selective M1 antagonist
3412	K06	Tocris	1376	SB 218795	Potent, selective non-peptide NK3 antagonist

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3412	K07	Tocris	1123	(S)-(+)-Niguldipine hydrochloride	$\alpha$ 1 antagonist, L-type Ca <sup>2+</sup> channel blocker
3412	K08	Tocris	1379	SB 221284	Potent, selective 5-HT <sub>2C/2B</sub> antagonist
3412	K09	Tocris	1124	(R)-(-)-Niguldipine hydrochloride	$\alpha$ 1 antagonist, L-type Ca <sup>2+</sup> channel blocker. Less active enantiomer of Niguldipine hydrochloride (Cat. No. 1123)
3412	K10	Tocris	1380	PMPA (NAALADase inhibitor)	GCP II inhibitor
3412	K11	Tocris	1126	Dexamethasone	Anti-inflammatory glucocorticoid
3412	K12	Tocris	1381	GW 5074	Potent, selective c-Raf1 kinase inhibitor
3412	K13	Tocris	1129	BRL 54443	Potent 5-HT <sub>1E/F</sub> agonist
3412	K14	Tocris	1382	L-152,804	Potent, selective non-peptide NPY Y5 antagonist
3412	K15	Tocris	1130	LY 294002 hydrochloride	Selective PI 3-kinase inhibitor
3412	K16	Tocris	1383	BML-190	Potent, selective CB2 ligand
3412	K17	Tocris	1131	KU14R	Antagonist of pancreatic imidazole receptor
3412	K18	Tocris	1385	MRS 1334	Potent, highly selective hA3 antagonist
3412	K19	Tocris	1132	Harmaline	Putative endogenous imidazole ligand. Also MAO inhibitor
3412	K20	Tocris	1393	SB 222200	Potent, selective non-peptide NK3 antagonist. Brain penetrant
3412	K21	Tocris	1133	BRL 44408 maleate	Selective $\alpha$ 2A antagonist
3412	K22	Tocris	1394	(RS)-3,4-DCPG	Potent systemically active anticonvulsant. Racemate of (R)-3,4,-DCPG (Cat. No. 1395)
3412	L03	Tocris	1558	Tracazolate hydrochloride	Subtype-selective GABAA allosteric modulator
3412	L04	Tocris	1850	Exo1	Inhibits Golgi-ER traffic; blocks exocytosis
3412	L05	Tocris	1579	HEMADO	High affinity selective A3 agonist
3412	L06	Tocris	1854	Ro 60-0175 fumarate	Potent, selective 5-HT <sub>2C</sub> agonist
3412	L07	Tocris	1580	Purvalanol A	Cyclin-dependent kinase inhibitor
3412	L08	Tocris	1856	L-165,041	Potent PPAR $\delta$ agonist
3412	L09	Tocris	1581	Purvalanol B	Cyclin-dependent kinase inhibitor
3412	L10	Tocris	1858	Impentamine dihydrobromide	Selective H3 antagonist
3412	L11	Tocris	1586	SKF 83566 hydrobromide	Potent, selective D1-like antagonist
3412	L12	Tocris	1862	PRIMA-1	Restores mutant p53 activity; induces apoptosis
3412	L13	Tocris	1588	Indatraline hydrochloride	Potent 5-HT uptake inhibitor. Also inhibits dopamine and noradrenalin uptake
3412	L14	Tocris	1866	MRS 1845	Potent SOC inhibitor; blocks capacitative Ca <sup>2+</sup> entry
3412	L15	Tocris	1591	NBI 27914 hydrochloride	Selective non-peptide CRF1 antagonist
3412	L16	Tocris	1867	NSC 663284	Potent, selective Cdc25 phosphatase inhibitor
3412	L17	Tocris	1594	Ro 25-6981 maleate	Subtype-selective NR2B antagonist
3412	L18	Tocris	1870	BTS	Selective inhibitor of skeletal muscle myosin II ATPase activity
3412	L19	Tocris	1612	SB 269970 hydrochloride	Potent selective 5-HT <sub>7</sub> antagonist. Brain penetrant
3412	L20	Tocris	1937	NSC 693868	Cdk inhibitor. Also inhibits GSK-3
3412	L21	Tocris	1614	SB 431542	Potent, selective inhibitor of TGF- $\beta$ R1, ALK4 and ALK7
3412	L22	Tocris	1941	m-3M3FBS	Phospholipase C activator
3412	M03	Tocris	1134	CGP 12177 hydrochloride	$\beta$ 3 partial agonist. $\beta$ 1/ $\beta$ 2 antagonist.
3412	M04	Tocris	1395	(R)-3,4-DCPG	AMPA antagonist/weak NMDA antagonist
3412	M05	Tocris	1139	L-NIL hydrochloride	Selective iNOS inhibitor
3412	M06	Tocris	1396	Fenretinide	Synthetic retinoid. Potent anticancer agent
3412	M07	Tocris	1140	8-Bromo-cAMP, sodium salt	Cell-permeable cAMP analog
3412	M08	Tocris	1397	PP 1	Potent, selective Src inhibitor
3412	M09	Tocris	1141	Dibutyl-yl-cAMP, sodium salt	Cell-permeable cAMP analog
3412	M10	Tocris	1398	Kenpaullone	Potent cyclin-dependent kinase inhibitor. Also inhibits GSK-3
3412	M11	Tocris	1145	L-733,060 hydrochloride	Potent NK1 antagonist
3412	M12	Tocris	1399	CP 339818 hydrochloride	Non-peptide, potent KV1.3 channel blocker
3412	M13	Tocris	1147	SKF 96365 hydrochloride	STIM1-mediated Ca <sup>2+</sup> influx inhibitor
3412	M14	Tocris	1400	SCH 202676 hydrobromide	Inhibitor of ligand binding to G-protein-coupled receptors
3412	M15	Tocris	1148	Siguazodan	PDE3 inhibitor
3412	M16	Tocris	1401	NU 1025	Potent PARP inhibitor
3412	M17	Tocris	1202	SB 203580	Selective inhibitor of p38 MAPK
3412	M18	Tocris	1402	SB 203580 hydrochloride	Selective inhibitor of p38 MAPK; water-soluble
3412	M19	Tocris	1206	SC 19220	Selective EP1 receptor antagonist
3412	M20	Tocris	1403	FPL 64176	Potent activator of Ca <sup>2+</sup> channels (L-type)
3412	M21	Tocris	1207	BRL 15572 hydrochloride	Selective h5-HT <sub>1D</sub> antagonist
3412	M22	Tocris	1405	(-)-Terreic acid	Selective inhibitor of BTK
3412	N03	Tocris	1615	SB 366791	Potent, selective, competitive TRPV1 (VR1) antagonist
3412	N04	Tocris	1942	o-3M3FBS	Inactive analog of m-3M3FBS (Cat. No. 1941)
3412	N05	Tocris	1616	SB 216763	Potent, selective GSK-3 inhibitor
3412	N06	Tocris	1944	Loratidine	Peripheral H1 antagonist; antiallergic agent
3412	N07	Tocris	1617	SB 415286	Potent, selective GSK-3 inhibitor
3412	N08	Tocris	1949	L 670596	Potent, selective thromboxane A <sub>2</sub> /prostaglandin endoperoxide antagonist
3412	N09	Tocris	1621	Streptozocin	DNA alkylator; antitumor and induces diabetes
3412	N10	Tocris	1952	DCB	Allosteric modulator at mGlu5
3412	N11	Tocris	1622	Remacemide hydrochloride	NMDA antagonist; blocks ion channel and allosteric modulatory site
3412	N12	Tocris	1953	DMeOB	Negative allosteric modulator at mGlu5
3412	N13	Tocris	1625	DFB	Allosteric potentiator at mGlu5
3412	N14	Tocris	1955	Ritanserlin	Potent 5-HT <sub>2</sub> antagonist
3412	N15	Tocris	1636	IEM 1460	Open-channel blocker of AMPA currents; selective for non-GluR2-containing receptors

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3412	N16	Tocris	1956	Bestatin	Amino peptidase inhibitor
3412	N17	Tocris	1638	U 18666A	Inhibitor of hedgehog (Hh) signaling. Also inhibits cholesterol synthesis
3412	N18	Tocris	1957	GR 79236	A1 agonist
3412	N19	Tocris	1639	AY 9944	Inhibitor of hedgehog (Hh) signaling. Inhibits $\Delta^7$ -dehydrocholesterol reductase
3412	N20	Tocris	1960	SB 334867	Selective non-peptide OX1 antagonist
3412	N21	Tocris	1641	OLDA	Potent, selective endogenous TRPV1 agonist
3412	N22	Tocris	1961	SB 258585 hydrochloride	Potent, selective 5-HT6 antagonist
3412	O03	Tocris	1210	FR 139317	Highly potent, selective ETA antagonist
3412	O04	Tocris	1407	PP 2	Potent, selective Src inhibitor
3412	O05	Tocris	1211	ZD 7155 hydrochloride	Selective non-peptide AT1 antagonist
3412	O06	Tocris	1410	SDM25N hydrochloride	Potent, selective non-peptide $\delta$ antagonist
3412	O07	Tocris	1212	MPEP hydrochloride	mGlu5 antagonist and positive allosteric modulator at mGlu4
3412	O08	Tocris	1414	Scopolamine hydrobromide	Non-selective muscarinic antagonist
3412	O09	Tocris	1213	PD 98059	Specific inhibitor of MEK
3412	O10	Tocris	1415	1400W dihydrochloride	Potent, highly selective iNOS inhibitor
3412	O11	Tocris	1214	SIB 1893	mGlu5 antagonist and positive allosteric modulator at mGlu4
3412	O12	Tocris	1417	Daidzein	Arrests cell cycle in G1 phase
3412	O13	Tocris	1215	SIB 1757	Highly selective mGlu5 antagonist
3412	O14	Tocris	1418	Resveratrol	Cyclooxygenase inhibitor
3412	O15	Tocris	1217	MRS 1220	Highly potent, selective hA3 antagonist
3412	O16	Tocris	1419	Naloxone benzoylhydrazone	Full $\kappa$ agonist, partial $\mu$ and $\delta$ agonist and antagonizes agonist-induced activation of NOP
3412	O17	Tocris	1218	DH 97	MT2 receptor antagonist
3412	O18	Tocris	1422	DCEBIO	Activates Cl <sup>-</sup> conductance and hIK1 K <sup>+</sup> channels
3412	O19	Tocris	1219	IDRA 21	Inhibits AMPA receptor desensitization
3412	O20	Tocris	1425	(S)-(+)-Dimethindene maleate	M2-selective antagonist
3412	O21	Tocris	1223	DL-TBOA	Selective non-transportable inhibitor of EAATs
3412	O22	Tocris	1426	PPT	Subtype-selective ER $\alpha$ agonist
3412	P03	Tocris	1643	D-64131	Inhibitor of tubulin polymerization. Antitumor in vivo
3412	P04	Tocris	1962	SB 239063	Potent, selective p38 MAPK inhibitor; orally active
3412	P05	Tocris	1646	Lonidamine	Mitochondrial hexokinase inhibitor
3412	P06	Tocris	1963	SB 408124	Selective non-peptide OX1 antagonist
3412	P07	Tocris	1657	Ginkgolide B	PAF receptor antagonist
3412	P08	Tocris	1965	Simvastatin	HMG-CoA reductase inhibitor
3412	P09	Tocris	1658	GR 125487 sulfamate	Potent, selective 5-HT4 antagonist. Active in vivo
3412	P10	Tocris	1967	Ranitidine hydrochloride	Selective H2 antagonist
3412	P11	Tocris	1659	Fenoldopam hydrochloride	Selective D1-like partial agonist
3412	P12	Tocris	1972	Tianeptine	Selective facilitator of 5-HT uptake; antidepressant
3412	P13	Tocris	1660	Salmeterol	Potent $\beta_2$ agonist; long acting
3412	P14	Tocris	1974	SANT-1	Inhibitor of hedgehog (Hh) signaling; antagonizes smoothed activity
3412	P15	Tocris	1661	SB 206553 hydrochloride	Potent, selective 5-HT2C/5-HT2B antagonist. Orally active
3412	P16	Tocris	1975	6-Iodo-nordihydrocapsaicin	Potent, competitive vanilloid receptor antagonist
3412	P17	Tocris	1662	SKF 77434 hydrobromide	Selective D1-like partial agonist
3412	P18	Tocris	1982	Reboxetine mesylate	Potent, selective noradrenalin uptake inhibitor; orally active
3412	P19	Tocris	1663	BW 373U86	Potent, selective non-peptide $\delta$ agonist
3412	P20	Tocris	1994	ZK 93423	Potent benzodiazepine agonist
3412	P21	Tocris	1664	GW 1929	Selective PPAR $\gamma$ agonist. Orally active
3412	P22	Tocris	1995	Ro 19-4605	Benzodiazepine inverse agonist
3413	A03	Tocris	1996	ZK 93426 hydrochloride	Potent, competitive benzodiazepine antagonist
3413	A04	Tocris	2255	CGS 9343B	Calmodulin antagonist
3413	A05	Tocris	1997	Ro 15-4513	Benzodiazepine partial inverse agonist
3413	A06	Tocris	2266	DY131	Agonist selective for estrogen-related receptors ERR $\beta$ and ERR $\gamma$
3413	A07	Tocris	1999	Linopirdine dihydrochloride	KCNQ channel blocker
3413	A08	Tocris	2268	NNC 55-0396 dihydrochloride	Highly selective Ca <sup>2+</sup> channel blocker (T-type)
3413	A09	Tocris	2000	XE 991 dihydrochloride	Potent, selective KCNQ channel blocker; blocks M-current
3413	A10	Tocris	2270	SCH 58261	Potent, highly selective A2A antagonist
3413	A11	Tocris	2001	GS 39783	Positive modulator at GABAB receptors
3413	A12	Tocris	2271	GW 6471	PPAR $\alpha$ antagonist
3413	A13	Tocris	2002	Ro 31-8220 mesylate	Protein kinase inhibitor
3413	A14	Tocris	2272	Ro 08-2750	Inhibits NGF binding to p75NTR and TrkA
3413	A15	Tocris	2004	Isradipine	Ca <sup>2+</sup> channel blocker (L-type)
3413	A16	Tocris	2275	TBB	Selective cell-permeable CK2 inhibitor
3413	A17	Tocris	2005	Ro 04-5595	Selective NR2B antagonist
3413	A18	Tocris	2276	FPL 55712	Leukotriene receptor antagonist
3413	A19	Tocris	2007	Fluticasone propionate	Selective high affinity glucocorticoid agonist
3413	A20	Tocris	2280	Raloxifene hydrochloride	Selective estrogen receptor modulator (SERM)
3413	A21	Tocris	2008	SKF 86002 dihydrochloride	p38 MAPK inhibitor; anti-inflammatory agent
3413	A22	Tocris	2281	2'-MeCCPA	Very selective and potent A1 receptor agonist
3413	B03	Tocris	2471	ER 27319 maleate	Selective Syk kinase inhibitor
3413	B04	Tocris	2677	JLK 6	Inhibitor of $\gamma$ -secretase-mediated $\beta$ APP processing
3413	B05	Tocris	2473	GW 4064	Selective farnesoid X receptor (FXR) agonist
3413	B06	Tocris	2678	GP 2a	Selective CB2 agonist
3413	B07	Tocris	2474	GW 3965 hydrochloride	Orally active liver X receptor (LXR) agonist

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3413	B08	Tocris	2681	17-PA	Antagonist of neurosteroid potentiation and direct gating of GABAA
3413	B09	Tocris	2475	ZM 323881 hydrochloride	Potent, selective inhibitor of VEGFR-2
3413	B10	Tocris	2682	sodium 4-Phenylbutyrate	Histone deacetylase inhibitor
3413	B11	Tocris	2476	SR 11302	Inhibitor of AP-1 transcription factor; antitumor agent
3413	B12	Tocris	2684	SN 38	DNA topoisomerase I inhibitor; antitumor
3413	B13	Tocris	2478	2-Pyridylethylamine dihydrochloride	H1 receptor agonist
3413	B14	Tocris	2685	Carvedilol	$\beta$ -adrenoceptor and $\alpha$ 1-adrenoceptor antagonist
3413	B15	Tocris	2479	JTE 907	Selective CB2 receptor antagonist/inverse agonist
3413	B16	Tocris	2688	CPT 11	DNA topoisomerase I inhibitor; antitumor
3413	B17	Tocris	2481	JTC 801	Selective NOP antagonist
3413	B18	Tocris	2691	Moexipril hydrochloride	Angiotensin-converting enzyme (ACE) inhibitor
3413	B19	Tocris	2483	Costunolide	Inhibitor of human telomerase activity
3413	B20	Tocris	2693	PHA 665752	Potent and selective MET inhibitor
3413	B21	Tocris	2484	( $\pm$ )-AC 7954 hydrochloride	Non-peptide UT receptor agonist
3413	B22	Tocris	2694	PD 407824	Selective inhibitor of Chk1 and Wee1
3413	C03	Tocris	2009	PSB 1115	Selective human A2B receptor antagonist; water-soluble
3413	C04	Tocris	2282	Moxonidine hydrochloride	I1 receptor and $\alpha$ 2-adrenoceptor agonist (I1 > $\alpha$ 2)
3413	C05	Tocris	2011	Tomoxetine hydrochloride	Potent, selective noradrenalin re-uptake inhibitor
3413	C06	Tocris	2284	SEW 2871	Cell-permeable, selective S1P1 receptor agonist
3413	C07	Tocris	2012	PSB 11	Potent, selective human A3 receptor antagonist/inverse agonist
3413	C08	Tocris	2288	O-1918	Silent antagonist for putative abnormal-CBD (Cat. No. 1297) receptor
3413	C09	Tocris	2013	Guggulsterone	Broad spectrum steroid receptor ligand. Antagonizes FXR and displays hypolipidaemic activity
3413	C10	Tocris	2291	1,2,3,4,5,6-Hexabromocyclohexane	Inhibits JAK2 autophosphorylation
3413	C11	Tocris	2018	Mirtazepine	Potent 5-HT2 antagonist. Also 5-HT3, H1 and $\alpha$ 2-antagonist. Antidepressant
3413	C12	Tocris	2292	AQ-RA 741	Selective, high affinity M2 antagonist
3413	C13	Tocris	2019	PSB 36	Potent and selective A1 antagonist
3413	C14	Tocris	2293	Zebularine	DNA methyltransferase and cytidine deaminase inhibitor
3413	C15	Tocris	2020	Ch 55	Potent RAR agonist
3413	C16	Tocris	2294	Cordycepin	RNA synthesis inhibitor
3413	C17	Tocris	2021	LE 135	Selective RAR $\beta$ antagonist
3413	C18	Tocris	2295	( $\pm$ )-Cloprostenol sodium salt	Water-soluble PGF2 $\alpha$ analog and potent FP receptor agonist
3413	C19	Tocris	2022	SR 202	Selective PPAR $\gamma$ antagonist; antidiabetic and antiobesity agent
3413	C20	Tocris	2296	Prostaglandin E2	Major endogenous prostanoid
3413	C21	Tocris	2023	Medetomidine hydrochloride	Potent, highly selective $\alpha$ 2 agonist
3413	C22	Tocris	2301	T 0070907	Highly potent and selective PPAR $\gamma$ antagonist
3413	D03	Tocris	2491	Xaliproden hydrochloride	Orally active, high affinity 5-HT1A agonist
3413	D04	Tocris	2700	Calcipotriol	Vitamin D3 analog
3413	D05	Tocris	2492	MNITMT	Immunosuppressant
3413	D06	Tocris	2706	Temozolomide	DNA-methylating antitumor agent
3413	D07	Tocris	2495	Melperone hydrochloride	5-HT2A/D2 receptor antagonist; neuroleptic
3413	D08	Tocris	2709	Cilastatin sodium	Dipeptidase inhibitor
3413	D09	Tocris	2496	DR 2313	Potent PARP inhibitor
3413	D10	Tocris	2718	LY 364947	Selective inhibitor of TGF- $\beta$ RI
3413	D11	Tocris	2498	PNU 120596	Positive allosteric modulator of $\alpha$ 7 nAChR; active in vivo
3413	D12	Tocris	2719	RWJ 21757	Toll-like receptor 7 (TLR7) agonist
3413	D13	Tocris	2499	ZM 306416 hydrochloride	Inhibitor of VEGF receptor tyrosine kinase
3413	D14	Tocris	2725	SB 225002	Potent and selective CXCR2 antagonist
3413	D15	Tocris	2504	Irsogladine maleate	PDE4 inhibitor; antiulcer agent
3413	D16	Tocris	2731	CGP 57380	Selective inhibitor of Mnk1
3413	D17	Tocris	2508	Trap 101	Potent and selective NOP antagonist
3413	D18	Tocris	2737	TC 2559 difumarate	Selective partial agonist at $\alpha$ 4 $\beta$ 2 receptors
3413	D19	Tocris	2510	Talinflumate	Chloride channel blocker (hCLCA1/mCLCA3 and Cl-/HCO3- exchange)
3413	D20	Tocris	2742	Reserpine	Inhibitor of vesicular monoamine transport
3413	D21	Tocris	2513	Acyclovir	Inhibits viral DNA polymerase; antiherpetic agent
3413	D22	Tocris	2743	Caffeic acid phenethyl ester	Specific inhibitor of NF- $\kappa$ B activation
3413	E03	Tocris	2025	Cinalukast	Potent, selective CysLT1 (LTD4) antagonist; orally active
3413	E04	Tocris	2303	PNU 282987	Selective $\alpha$ 7 nAChR agonist
3413	E05	Tocris	2037	SDZ 205-557 hydrochloride	5-HT4/5-HT3 receptor antagonist
3413	E06	Tocris	2308	Tabimorelin	Potent, orally active ghrelin receptor agonist
3413	E07	Tocris	2072	Aminopurvalanol A	Cyclin-dependent kinase inhibitor
3413	E08	Tocris	2310	SR 49059	Selective, orally active vasopressin V1A receptor antagonist
3413	E09	Tocris	2078	UBP 296	Selective, potent kainate antagonist; selective for GluR5-containing receptors
3413	E10	Tocris	2311	L-168,049	Potent, orally active human glucagon receptor antagonist
3413	E11	Tocris	2079	UBP 302	Selective, potent kainate antagonist; active enantiomer of UBP 296 (Cat. No. 2078)
3413	E12	Tocris	2312	DNQX disodium salt	Selective non-NMDA antagonist. Water-soluble salt of DNQX (Cat. No. 0189)
3413	E13	Tocris	2086	GTP 14564	Class III receptor tyrosine kinase (RTK) inhibitor
3413	E14	Tocris	2313	QX 314 chloride	Na <sup>+</sup> channel blocker
3413	E15	Tocris	2088	DMNB	DNA-PK inhibitor
3413	E16	Tocris	2315	Immethridine dihydrobromide	Potent H3 agonist, highly selective over H4

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3413	E17	Tocris	2089	RS 102895 hydrochloride	CCR2b chemokine receptor antagonist
3413	E18	Tocris	2316	AMG 9810	Potent and selective, competitive antagonist of TRPV1
3413	E19	Tocris	2095	PNU 37883 hydrochloride	Vascular KATP channel blocker
3413	E20	Tocris	2318	Pravastatin sodium salt	HMG-CoA reductase inhibitor
3413	E21	Tocris	2096	DAU 5884 hydrochloride	M3 receptor antagonist
3413	E22	Tocris	2322	BTS 54-505	Potent SNRI; active metabolite of sibutramine (Cat. No. 2290)
3413	F03	Tocris	2514	L-161,982	Selective EP4 receptor antagonist
3413	F04	Tocris	2747	NNC 05-2090 hydrochloride	GABA uptake inhibitor; moderately BGT-1 selective
3413	F05	Tocris	2517	RS 504393	Highly selective CCR2 chemokine receptor antagonist
3413	F06	Tocris	2748	KF 38789	Selective inhibitor of P-selectin-mediated cell adhesion
3413	F07	Tocris	2520	PD 166793	Broad spectrum MMP inhibitor
3413	F08	Tocris	2755	DCA	Mitochondrial pyruvate dehydrogenase kinase (PDK) inhibitor
3413	F09	Tocris	2524	A 205804	Selective inhibitor of E-selectin and ICAM-1 expression
3413	F10	Tocris	2764	GP 1a	Highly selective CB2 agonist
3413	F11	Tocris	2531	Ganaxalone	Potent, positive allosteric modulator of GABAA receptors
3413	F12	Tocris	2768	PQ 401	IGF1R inhibitor
3413	F13	Tocris	2533	DPO-1	Blocker of KV1.5 channel and IKur current
3413	F14	Tocris	2777	Nefazodone hydrochloride	5-HT2A antagonist and 5-HT uptake inhibitor. Antidepressant
3413	F15	Tocris	2536	Domperidone	Peripheral D2-like antagonist
3413	F16	Tocris	2814	PI 828	PI 3-kinase inhibitor, more potent than LY 294002 (Cat. No. 1130)
3413	F17	Tocris	2539	IKK 16	Selective inhibitor of IKK
3413	F18	Tocris	2902	D 4476	Selective CK1 inhibitor. Also inhibits TGF-βRI
3413	F19	Tocris	2542	Ki 8751	Potent, selective VEGFR-2 inhibitor
3413	F20	Tocris	2908	EO 1428	Selective inhibitor of p38α and p38β2
3413	F21	Tocris	2545	Lofepamine	5-HT and noradrenalin re-uptake inhibitor (SNRI)
3413	F22	Tocris	2926	FPA 124	Akt/PKB inhibitor
3413	G03	Tocris	2097	SKI II	Selective non-lipid inhibitor of sphingosine kinase; antitumor
3413	G04	Tocris	2324	Necrostatin-1	Novel inhibitor of non-apoptotic cell death (necroptosis)
3413	G05	Tocris	2098	Apoptosis Activator 2	Promotes apoptosome formation and activates caspase-9/caspase-3 pathway. Selectively induces tumor cell apoptosis
3413	G06	Tocris	2329	Ro 10-5824	Selective D4 receptor partial agonist
3413	G07	Tocris	2132	Amisulpride	Selective D2/D3 receptor antagonist; atypical antipsychotic agent
3413	G08	Tocris	2330	DMP 543	K+ channel blocker and potent ACh release enhancer
3413	G09	Tocris	2137	2,3-DCPE hydrochloride	Selectively induces cancer cell apoptosis
3413	G10	Tocris	2333	JNJ 16259685	Extremely potent, mGlu1-selective non-competitive antagonist
3413	G11	Tocris	2139	Lylamine hydrochloride	CB1 agonist
3413	G12	Tocris	2337	Trequinsin hydrochloride	Ultrapotent inhibitor of PDE3
3413	G13	Tocris	2141	Paroxetine maleate	Highly potent and selective 5-HT uptake inhibitor
3413	G14	Tocris	2339	WEB 2086	Potent PAF receptor antagonist
3413	G15	Tocris	2143	SCS	Selective GABAA receptor antagonist; β1-subunit-selective
3413	G16	Tocris	2342	4-Methylhistamine dihydrochloride	Selective, high affinity H4 agonist
3413	G17	Tocris	2147	Nicorandil	KATP channel opener and NO donor
3413	G18	Tocris	2344	CGH 2466 dihydrochloride	A1, A2B and A3 antagonist and inhibitor of p38 MAPK and PDE4
3413	G19	Tocris	2148	(±)-McN 5652	Potent, orally active 5-HT uptake inhibitor. Also inhibits noradrenalin and dopamine uptake in vitro
3413	G20	Tocris	2345	ZK 200775	Competitive AMPA/kainate antagonist
3413	G21	Tocris	2150	nTZDpa	Potent, selective PPARγ partial agonist
3413	G22	Tocris	2347	Salubrinal	Selective inhibitor of eIF2α dephosphorylation
3413	H03	Tocris	2554	CD 1530	Potent and selective RARγ agonist
3413	H04	Tocris	2938	SD 169	Selective, orally active p38α inhibitor
3413	H05	Tocris	2558	10-DEBC hydrochloride	Selective Akt/PKB inhibitor
3413	H06	Tocris	2977	GW 843682X	Selective inhibitor of PLK1 and PLK3
3413	H07	Tocris	2560	SB 218078	Inhibitor of checkpoint kinase 1 (Chk1)
3413	H08	Tocris	3000	Iressa	Orally active, selective EGFR inhibitor
3413	H09	Tocris	2563	Fexaramine	Potent, selective farnesoid X receptor (FXR) agonist
3413	H10	Tocris	3037	SU 5416	VEGFR inhibitor. Also inhibits KIT, RET, MET and FLT3
3413	H11	Tocris	2571	Amlodipine besylate	Ca2+ channel blocker (L-type)
3413	H12	Tocris	2910	H 89 dihydrochloride	Protein kinase A inhibitor
3413	H13	Tocris	2574	PSB 06126	NTPDase 3 inhibitor
3413	H14	Tocris	3063	1-Naphthyl PP1	Src family kinase inhibitor; also inhibits c-Abl
3413	H15	Tocris	2577	Cetirizine dihydrochloride	Selective H1 antagonist
3413	H16	Tocris	3194	BIO	Potent, selective GSK-3 inhibitor
3413	H17	Tocris	2578	Benazepril hydrochloride	Angiotensin-converting enzyme (ACE) inhibitor
3413	H18	Tocris	3269	SD 208	Potent ATP-competitive TGF-βRI inhibitor
3413	H19	Tocris	2579	Zamifenacin fumarate	Selective M3 antagonist
3413	H20	Tocris	3271	Compound 401	Selective DNA-PK and mTOR inhibitor
3413	H21	Tocris	2580	Tenidap	NSAID, cyclooxygenase (COX-1) inhibitor. Also opener of KIR2.3
3413	H22	Tocris	3314	BI 78D3	Selective, competitive JNK inhibitor
3413	I03	Tocris	2151	API-2	Selective inhibitor of Akt/PKB signaling. Antitumor and antiviral
3413	I04	Tocris	2348	Gavestinel	Potent and selective glycine site antagonist. Orally available and active in vivo
3413	I05	Tocris	2152	NSC 625987	Cyclin-dependent kinase 4 (cdk4) inhibitor
3413	I06	Tocris	2372	ABT 702 dihydrochloride	Adenosine kinase inhibitor; orally active
3413	I07	Tocris	2154	ZD 2079 hydrochloride	β3-adrenoceptor agonist
3413	I08	Tocris	2373	T 0901317	Potent liver X receptor (LXR) agonist
3413	I09	Tocris	2155	NTNCB hydrochloride	Potent and selective non-peptidic NPY Y5 antagonist

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3413	I10	Tocris	2374	GW 405833	Selective, high affinity CB2 receptor partial agonist
3413	I11	Tocris	2156	Embelin	Inhibitor of X-linked inhibitor of apoptosis (XIAP); cell-permeable and antitumor
3413	I12	Tocris	2382	EMD 386088 hydrochloride	Potent 5-HT6 agonist
3413	I13	Tocris	2160	Bax channel blocker	Inhibits Bax-mediated mitochondrial cytochrome c release
3413	I14	Tocris	2385	AMN 082 dihydrochloride	The first selective mGlu7 agonist
3413	I15	Tocris	2161	NSC 23766	Selective inhibitor of Rac1-GEF interaction; antioncogenic
3413	I16	Tocris	2386	Fenobam	Potent and selective mGlu5 antagonist
3413	I17	Tocris	2162	INCA-6	Inhibitor of calcineurin-substrate association
3413	I18	Tocris	2390	MPMQ hydrochloride	Selective mGlu1 antagonist
3413	I19	Tocris	2172	AZ 10417808	Selective non-peptide caspase-3 inhibitor
3413	I20	Tocris	2392	JTE 013	S1P2 receptor antagonist
3413	I21	Tocris	2173	WAY 629 hydrochloride	Selective 5-HT2C agonist
3413	I22	Tocris	2394	SDZ NKT 343	Highly selective, human NK1 antagonist
3413	J03	Tocris	2581	PAC 1	Activator of procaspase-3; pro-apoptotic
3413	J04	Tocris	3318	SC 514	IKK-2 inhibitor; attenuates NF- $\kappa$ B-induced gene expression
3413	J05	Tocris	2582	Lansoprazole	H <sup>+</sup> ,K <sup>+</sup> -ATPase inhibitor
3413	J06	Tocris	3335	SU 6668	PDGFR, VEGFR and FGFR inhibitor
3413	J07	Tocris	2583	Omeprazole	H <sup>+</sup> ,K <sup>+</sup> -ATPase inhibitor
3413	J08	Tocris	3336	A 769662	Potent AMPK activator
3413	J09	Tocris	2586	CFM 1571 hydrochloride	Soluble guanylyl cyclase (sGC) activator
3413	J10	Tocris	3341	JK 184	Downstream Hh signaling pathway inhibitor; inhibits alcohol dehydrogenase 7
3413	J11	Tocris	2591	TCS 359	Potent FLT3 inhibitor
3413	J12	Tocris	3342	L-798,106	Potent and highly selective EP3 antagonist
3413	J13	Tocris	2596	Mexiletine hydrochloride	Na <sup>+</sup> channel blocker, antiarrhythmic agent
3413	J14	Tocris	3344	SLV 320	Potent and selective A1 antagonist
3413	J15	Tocris	2600	Clofarabine	Deoxycytidine kinase (dCK) substrate
3413	J16	Tocris	3347	SNAP 94847 hydrochloride	Potent and selective MCH1 antagonist
3413	J17	Tocris	2605	PD 198306	Selective inhibitor of MEK1/2
3413	J18	Tocris	3350	LY 393558	Dual 5-HT1B/1D antagonist and 5-HT re-uptake inhibitor
3413	J19	Tocris	2609	Ryuvidine	Cyclin-dependent kinase 4 (cdk4) inhibitor
3413	J20	Tocris	3353	PSN 375963 hydrochloride	GPR119 receptor agonist
3413	J21	Tocris	2611	IMD 0354	Inhibitor of IKK-2
3413	J22	Tocris	3360	CGP 52411	EGFR inhibitor. Also inhibits A $\beta$ 42 fibril formation
3413	K03	Tocris	2175	Tetrabenazine	Potent inhibitor of vesicular monoamine transport; depletes dopamine stores
3413	K04	Tocris	2395	Sertraline hydrochloride	5-HT re-uptake inhibitor
3413	K05	Tocris	2176	BVT 948	Non-competitive protein tyrosine phosphatase inhibitor; enhances insulin signaling
3413	K06	Tocris	2396	Glimepiride	KATP channel blocker
3413	K07	Tocris	2183	ZK 164015	Potent estrogen receptor antagonist
3413	K08	Tocris	2397	Eplerenone	Selective mineralocorticoid receptor antagonist
3413	K09	Tocris	2184	SN-6	Selective Na <sup>+</sup> /Ca <sup>2+</sup> exchange inhibitor (reverse mode)
3413	K10	Tocris	2398	SNAP 5089	Subtype-selective $\alpha$ 1A antagonist
3413	K11	Tocris	2186	CMPD-1	Non-ATP-competitive p38 $\alpha$ inhibitor
3413	K12	Tocris	2400	FK 888	High affinity NK1 receptor antagonist
3413	K13	Tocris	2190	SR 27897	Potent and selective CCK1 antagonist
3413	K14	Tocris	2404	Ambroxol hydrochloride	Na <sup>+</sup> channel blocker
3413	K15	Tocris	2191	S-Trityl-L-cysteine	Potent, selective inhibitor of mitotic kinesin Eg5
3413	K16	Tocris	2408	Ro 90-7501	Inhibitor of A $\beta$ 42 fibril formation
3413	K17	Tocris	2192	4-HQN	PARP inhibitor
3413	K18	Tocris	2415	HA 1100 hydrochloride	Cell-permeable, selective Rho-kinase inhibitor
3413	K19	Tocris	2193	Carmoxirole hydrochloride	Selective, peripherally acting D2-like agonist
3413	K20	Tocris	2416	BIBX 1382 dihydrochloride	Highly selective EGFR-kinase inhibitor
3413	K21	Tocris	2194	R 59-022	Diacylglycerol kinase inhibitor; increases PKC activity
3413	K22	Tocris	2417	BIBU 1361 dihydrochloride	Selective inhibitor of EGFR-kinase
3413	L03	Tocris	2615	PD 158780	Potent ErbB receptor family inhibitor
3413	L04	Tocris	3361	JNJ 17203212	Reversible, competitive and potent TRPV1 antagonist
3413	L05	Tocris	2623	Oxaliplatin	DNA cross-linking antitumor agent
3413	L06	Tocris	3362	MIRA-1	Restores mutant p53 activity; proapoptotic
3413	L07	Tocris	2624	Decitabine	DNA methyltransferase inhibitor
3413	L08	Tocris	3366	WAY 200070	Selective ER $\beta$ agonist
3413	L09	Tocris	2625	Zonisamide	Blocks voltage-sensitive Na <sup>+</sup> and Ca <sup>2+</sup> channels (T-type)
3413	L10	Tocris	3367	AT 101	Downregulates Bcl-2 and Mcl-1; pro-apoptotic
3413	L11	Tocris	2626	Carboplatin	DNA cross-linking antitumor agent
3413	L12	Tocris	3370	AC 264613	PAR2 receptor agonist
3413	L13	Tocris	2629	Cilnidipine	Ca <sup>2+</sup> channel blocker (dual L/N-type)
3413	L14	Tocris	3387	Gedunin	Hsp90 inhibitor; anticancer and antimalarial activity
3413	L15	Tocris	2633	WAY 170523	Potent and selective inhibitor of MMP-13
3413	L16	Tocris	3397	LY 2365109 hydrochloride	Potent and selective GlyT1 inhibitor
3413	L17	Tocris	2634	DAPT	$\gamma$ -secretase inhibitor
3413	L18	Tocris	3411	BMS 649	Pan RXR agonist
3413	L19	Tocris	2635	NGB 2904	Potent and selective D3 antagonist
3413	L20	Tocris	3427	Oncrasin 1	Induces abnormal nuclear aggregation of PKC $\zeta$ ; proapoptotic
3413	L21	Tocris	2638	ST 91	$\alpha$ 2 agonist, putative $\alpha$ 2C agonist
3413	L22	Tocris	3429	4-IPP	Inhibitor of macrophage migration inhibitor factor (MIF); suicide substrate
3413	M03	Tocris	2195	Eliprodil	Non-competitive NR2B-selective NMDA antagonist

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3413	M04	Tocris	2418	LY 303511	Negative control of LY 294002 (Cat. No. 1130)
3413	M05	Tocris	2196	3-MATIDA	Potent, selective mGlu1 antagonist
3413	M06	Tocris	2421	Scriptaid	Histone deacetylase inhibitor
3413	M07	Tocris	2197	L 755507	Very potent and selective $\beta$ 3 partial agonist
3413	M08	Tocris	2429	Fexofenadine hydrochloride	H1 receptor antagonist; non-sedating antiallergic agent
3413	M09	Tocris	2198	Mibefradil dihydrochloride	Ca <sup>2+</sup> channel blocker (T-type)
3413	M10	Tocris	2435	CCT 018159	Hsp90 inhibitor
3413	M11	Tocris	2199	CGP 71683 hydrochloride	Highly selective and potent non-peptide NPY Y5 receptor antagonist
3413	M12	Tocris	2436	AC 55649	Selective RAR $\beta$ 2 agonist
3413	M13	Tocris	2200	PD 160170	Selective non-peptide NPY Y1 antagonist
3413	M14	Tocris	2438	TMPH hydrochloride	Neuronal nicotinic receptor antagonist
3413	M15	Tocris	2201	PNU 22394 hydrochloride	5-HT <sub>2C</sub> agonist and 5-HT <sub>2A/2B</sub> partial agonist
3413	M16	Tocris	2441	JNJ 10191584 maleate	Selective H4 receptor antagonist; orally active
3413	M17	Tocris	2202	Zatebradine hydrochloride	Bradycardic agent; blocks If pacemaker current
3413	M18	Tocris	2442	CGP 53353	Selective inhibitor of PKC $\beta$ II
3413	M19	Tocris	3869	TCS 2002	Potent GSK-3 $\beta$ inhibitor
3413	M20	Tocris	2447	YM 298198, Desmethyl-	Derivative of mGlu1 antagonist YM 298198 (Cat. No. 2448)
3413	M21	Tocris	2208	LY 255283	Selective, competitive BLT2 receptor antagonist
3413	M22	Tocris	2448	YM 298198 hydrochloride	Highly potent, selective non-competitive mGlu1 antagonist
3413	N03	Tocris	2639	CGK 733	Selective inhibitor of ATR and ATM kinases
3413	N04	Tocris	3430	CFTRinh 172	Voltage-independent, selective CFTR chloride channel blocker
3413	N05	Tocris	2641	L-368,899 hydrochloride	Potent, non-peptide oxytocin receptor antagonist
3413	N06	Tocris	3433	GSK 0660 GSK 0660	Selective PPAR $\delta$ antagonist
3413	N07	Tocris	2642	Co 102862	State-dependent Na <sup>+</sup> channel blocker; anticonvulsant
3413	N08	Tocris	3439	NH 125	CaM kinase III (eEF-2 kinase) inhibitor
3413	N09	Tocris	2645	Fananserin	5-HT <sub>2A</sub> antagonist. Also D4 antagonist
3413	N10	Tocris	3440	SID 7969543	Selective steroidogenic factor-1 (SF-1, NR5A1) inhibitor
3413	N11	Tocris	2647	NSC 632839 hydrochloride	Inhibitor of ubiquitin isopeptidase activity
3413	N12	Tocris	3489	Astemizole	Orally active, potent H1 antagonist. Also hERG K <sup>+</sup> channel blocker.
3413	N13	Tocris	2649	GW 9508	Potent and selective FFA1 (GPR40) agonist
3413	N14	Tocris	3495	Fludarabine	Purine analog; inhibits DNA synthesis
3413	N15	Tocris	2651	AEG 3482	Inhibitor of JNK signaling
3413	N16	Tocris	3517	Nebivolol hydrochloride	Highly selective $\beta$ 1-adrenoceptor antagonist
3413	N17	Tocris	2652	WAY 213613	Potent, non-substrate EAAT2 inhibitor
3413	N18	Tocris	3521	Sirtinol	Selective sirtuin family deacetylase inhibitor
3413	N19	Tocris	2653	Pifithrin->m	Inhibitor of p53-mitochondrial binding
3413	N20	Tocris	3523	FERb 033	Potent and selective ER $\beta$ agonist
3413	N21	Tocris	2654	Compound W	$\gamma$ -secretase inhibitor
3413	N22	Tocris	3532	endo-IWR 1	Axin stabilizer; promotes $\beta$ -catenin phosphorylation
3413	O03	Tocris	2213	N20C hydrochloride	Non-competitive NMDA receptor open-channel blocker
3413	O04	Tocris	2451	LY 344864 hydrochloride	Potent, selective 5-HT <sub>1F</sub> agonist
3413	O05	Tocris	2214	ABT 724 trihydrochloride	Potent, selective D4 partial agonist; proerectile
3413	O06	Tocris	2452	LY 2183240	Novel, potent anandamide uptake inhibitor. Inhibits FAAH
3413	O07	Tocris	2227	CI 976	Acyl-CoA:cholesterol acyltransferase (ACAT) inhibitor
3413	O08	Tocris	2456	Co 101244 hydrochloride	Highly selective NR2B antagonist
3413	O09	Tocris	2229	GW 0742	Highly selective, potent PPAR $\delta$ agonist
3413	O10	Tocris	2457	Arcyriaflavin A	Potent cdk4/cyclin D1 and CaM Kinase II inhibitor. Antiviral agent (anti-HCMV)
3413	O11	Tocris	2237	BRL 50481	Selective PDE7 inhibitor
3413	O12	Tocris	2458	ZM 447439	Inhibits Aurora kinase B
3413	O13	Tocris	2238	GW 441756	Potent, selective TrkA inhibitor
3413	O14	Tocris	2460	Lazabemide hydrochloride	Selective MAO-B inhibitor
3413	O15	Tocris	2241	DMAB-anabaseine dihydrochloride	Partial agonist at $\alpha$ 7-containing receptors and antagonist at $\alpha$ 4 $\beta$ 2 neuronal nicotinic receptors
3413	O16	Tocris	2465	SDZ WAG 994	Potent, selective A1 agonist
3413	O17	Tocris	2242	Octopamine hydrochloride	Invertebrate biogenic amine: activates $\beta$ 3 adrenoceptors
3413	O18	Tocris	2466	UK 14,304 tartrate	$\alpha$ 2 agonist. Water-soluble form of UK 14,304 (Cat. No. 0425)
3413	O19	Tocris	2252	Doxorubicin hydrochloride	Antitumor antibiotic agent. Inhibits DNA topoisomerase II
3413	O20	Tocris	2467	CGS 20625	Selective central benzodiazepine receptor partial agonist
3413	O21	Tocris	2254	ACDPP hydrochloride	Selective mGlu5 receptor antagonist
3413	O22	Tocris	2469	IBC 293	Selective agonist for the GPR109B (HM74) receptor. Antilipolytic
3413	P03	Tocris	2655	Naproxen sodium	Cyclooxygenase inhibitor
3413	P04	Tocris	3534	PNU 74654	$\beta$ -catenin binder; inhibits wnt signaling
3413	P05	Tocris	2657	JX 401	Potent, reversible p38 $\alpha$ inhibitor
3413	P06	Tocris	3540	Orlistat	Pancreatic, gastric and carboxylester lipase inhibitor; antiobesity and antihypercholesterolemic activity
3413	P07	Tocris	2661	UCL 2077	Slow afterhyperpolarization (sAHP) channel blocker
3413	P08	Tocris	3543	Suplatast tosylate	Th2 cytokine synthesis inhibitor; antiasthmatic
3413	P09	Tocris	2662	PHTPP	Selective ER $\beta$ antagonist
3413	P10	Tocris	3544	KU 55933	Potent and selective ATM kinase inhibitor
3413	P11	Tocris	2665	BMS 191011	Potent Maxi-K channel opener (BKCa, KCa1.1)
3413	P12	Tocris	3547	Serotonin	Endogenous 5-HT receptor agonist
3413	P13	Tocris	2668	Artemisinin	Antimalarial; inhibits P-type ATPase (PfATP6) of P. falciparum
3413	P14	Tocris	3550	Melatonin	Endogenous hormone; agonist at MT1 and MT2
3413	P15	Tocris	2669	TC 1	High affinity $\sigma$ 1 ligand
3413	P16	Tocris	3551	INH1	Hec1 inhibitor; causes arrest of mitosis

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3413	P17	Tocris	2671	Budesonide	Synthetic glucocorticoid; anti-inflammatory and chemopreventive
3413	P18	Tocris	3568	Bretazenil	Benzodiazepine partial agonist
3413	P19	Tocris	2673	Acarbose	Glucosidase $\alpha$ inhibitor (intestinal)
3413	P20	Tocris	3571	SB 657510	Selective urotensin-II (UT) receptor antagonist
3413	P21	Tocris	2676	Y 134	Selective estrogen receptor modulator (SERM), selective for ER $\alpha$
3413	P22	Tocris	3572	GSK 650394	Serum- and glucocorticoid-regulated kinase (SGK) inhibitor
3414	A03	Tocris	3575	VU 0155069	Potent and selective PLD1 inhibitor
3414	A05	Tocris	3576	( $\pm$ )-5'-Chloro-5'-deoxy-ENBA	Highly selective A1 agonist
3414	A07	Tocris	3577	G-1	Potent and selective GPR30 agonist
3414	A09	Tocris	3579	5-BDBD	Potent P2X4 receptor antagonist
3414	A11	Tocris	3586	Sumatriptan succinate	5-HT1 receptor agonist
3414	A13	Tocris	3589	PIM 1 Inhibitor 2	Pim-1 kinase inhibitor
3414	A15	Tocris	3595	CHR 2797	Aminopeptidase inhibitor
3414	A17	Tocris	3596	Voglibose	Orally active $\alpha$ -glucosidase inhibitor
3414	A19	Tocris	3597	Indiplon	Subtype-selective GABAA receptor positive allosteric modulator
3414	A21	Tocris	3599	TAK 165	Potent and selective ErbB2 inhibitor
3414	B03	Tocris	3703	K 858	Selective ATP-uncompetitive mitotic kinesin Eg5 inhibitor
3414	B05	Tocris	3706	FR 180204	Selective ERK inhibitor
3414	B07	Tocris	3707	VU 0361737	Selective positive allosteric modulator at mGlu4
3414	B09	Tocris	3718	AS 1949490	SH2 domain-containing inositol 5'-phosphatase 2 (SHIP2) inhibitor
3414	B11	Tocris	3724	PD 161570	Selective FGFR inhibitor
3414	B13	Tocris	3733	Efonidipine hydrochloride monoethanolate	Ca <sup>2+</sup> channel blocker (L- and T-type)
3414	B15	Tocris	3734	BYK 204165	Selective PARP-1 inhibitor
3414	B17	Tocris	3736	UPF 1069	PARP-2 inhibitor
3414	B19	Tocris	3737	Asenapine maleate	Novel antipsychotic agent
3414	B21	Tocris	3743	BF 2649	H3 receptor inverse agonist/antagonist
3414	C03	Tocris	3603	Kaempferol	Mitochondrial Ca <sup>2+</sup> uniporter (MCU) activator; proapoptotic
3414	C05	Tocris	3605	(R)-CR8	Dual cdk1/cdk5 inhibitor. Also inhibits CK1
3414	C07	Tocris	3607	SU 3327	Selective JNK inhibitor
3414	C09	Tocris	3609	Tizanidine hydrochloride	$\alpha$ 2 agonist
3414	C11	Tocris	3610	(R)-DRF053 dihydrochloride	Dual CK1/cdk inhibitor
3414	C13	Tocris	3617	SANT-2	Inhibitor of hedgehog (Hh) signaling; antagonizes smoothed activity
3414	C15	Tocris	3620	Topiramate	GluR5 antagonist; anticonvulsant
3414	C17	Tocris	3622	IPA 3	Group I p21-activated kinase (PAK) inhibitor
3414	C19	Tocris	3634	VU 0238429	Selective positive allosteric modulator of M5 receptors
3414	C21	Tocris	3639	SX 011	p38 MAPK inhibitor
3414	D03	Tocris	3745	RN 1747	Selective TRPV4 agonist
3414	D05	Tocris	3746	RN 1734	Selective TRPV4 antagonist
3414	D07	Tocris	3748	XAV 939	Tankyrase inhibitor; inhibits wnt signaling
3414	D09	Tocris	3805	Repaglinide	KATP channel blocker
3414	D11	Tocris	3837	CCMI	Positive allosteric modulator of $\alpha$ 7 nAChR
3414	D13	Tocris	3851	Cardiogenol C hydrochloride	Induces cardiomyogenesis in ESCs
3414	D15	Tocris	3852	Tranylcypromine hydrochloride	Irreversible inhibitor of MAO-A, MAO-B and LSD1
3414	D17	Tocris	0109	(-)-Bicuculline methobromide	Water-soluble GABAA antagonist
3414	D19	Tocris	0130	(+)-Bicuculline	Potent GABAA antagonist
3414	D21	Tocris	0131	(-)-Bicuculline methochloride	Water-soluble GABAA antagonist
3414	E03	Tocris	3642	Src I1	Dual site Src kinase inhibitor
3414	E05	Tocris	3650	SB 328437	Potent and selective CCR3 antagonist
3414	E07	Tocris	3656	Neurodazine	Induces neurogenesis in mature skeletal muscle cells
3414	E09	Tocris	3657	Sal 003	Cell-permeable inhibitor of eIF2 $\alpha$ dephosphorylation
3414	E11	Tocris	3661	BAN ORL 24	Potent and selective NOP antagonist
3414	E13	Tocris	3670	SKA 31	Activator of KCa3.1 and KCa2 channels
3414	E15	Tocris	3677	NPY 5RA972	Potent and selective NPY Y5 antagonist
3414	E17	Tocris	3678	G-15	High affinity and selective GPR30 antagonist
3414	E19	Tocris	3679	DS2	Positive allosteric modulator of $\delta$ -containing GABAA receptors
3414	E21	Tocris	3683	CITCO	Selective CAR agonist
3414	F03	Tocris	0285	Ibotenic acid	Non-selective NMDA agonist
3414	F05	Tocris	0289	Muscimol	Potent GABAA agonist
3414	F07	Tocris	0388	Ambenonium dichloride	Cholinesterase inhibitor
3414	F09	Tocris	0444	Clozapine	Dopamine antagonist with some D4 selectivity. Also 5-HT2A/2C antagonist
3414	F11	Tocris	0462	(E)-Capsaicin	Prototypic vanilloid receptor agonist
3414	F13	Tocris	0508	Doxepin hydrochloride	Highly potent H1 antagonist. Also binds to H4 receptor
3414	F15	Tocris	0549	Methylergometrine maleate	Active metabolite of methysergide (Cat. No. 1064)
3414	F17	Tocris	0622	Physostigmine hemisulfate	Cholinesterase inhibitor
3414	F19	Tocris	0652	Thalidomide	TNF- $\alpha$ synthesis inhibitor
3414	F21	Tocris	0686	Galanthamine hydrobromide	Cholinesterase inhibitor
3414	G03	Tocris	3690	S26948	Selective PPAR $\gamma$ agonist; antidiabetic agent

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3414	G05	Tocris	3692	4,4-Pentamethylenepiperidine hydrochloride	M2 proton channel blocker
3414	G07	Tocris	3701	A 740003	Potent and selective P2X7 antagonist
3414	G09	Tocris	0190	CNQX	Potent AMPA/kainate antagonist
3414	G11	Tocris	0414	AG 490	EGFR-kinase inhibitor. Also JAK2, JAK3 inhibitor
3414	G13	Tocris	0435	Cimaterol	$\beta$ agonist
3414	G15	Tocris	0493	AG 18	EGFR/PDGFR-kinase inhibitor
3414	G17	Tocris	0497	AG 99	EGFR-kinase inhibitor
3414	G19	Tocris	0523	4-(4-Fluorobenzoyl)-1-(4-phenylbutyl)-piperidine oxalate	Selective 5-HT2A antagonist
3414	G21	Tocris	0579	Tyrphostin B44, (+) enantiomer	EGFR-kinase inhibitor
3414	H03	Tocris	0690	Clonidine hydrochloride	$\alpha$ 2 agonist. Also I1 ligand
3414	H05	Tocris	0759	Castanospermine	Glucosidases $\alpha$ and $\beta$ inhibitor
3414	H07	Tocris	0840	Loperamide hydrochloride	Peripherally acting $\mu$ agonist. Also Ca <sup>2+</sup> channel blocker
3414	H09	Tocris	0873	EIT hydrobromide	Selective iNOS inhibitor, acts arginine binding site
3414	H11	Tocris	0908	Ketanserin tartrate	Selective 5-HT2A antagonist. Also antagonist at 5-HT1D
3414	H13	Tocris	0931	Haloperidol hydrochloride	Antagonist, partly D2 selective
3414	H15	Tocris	0940	4-Aminopyridine	Non-selective KV channel blocker
3414	H17	Tocris	0960	Piroxicam	Cyclooxygenase-1 (COX-1) inhibitor
3414	H19	Tocris	0962	Buspirone hydrochloride	5-HT1A partial agonist
3414	H21	Tocris	0965	Tacrine hydrochloride	Cholinesterase inhibitor
3414	I03	Tocris	0616	AG 556	EGFR-kinase inhibitor
3414	I05	Tocris	0618	AG 555	Potent EGFR-kinase inhibitor
3414	I07	Tocris	0619	AG 494	Potent EGFR-kinase inhibitor
3414	I09	Tocris	0645	2-TEDC	5-, 12-, 15-Lipoxygenase inhibitor
3414	I11	Tocris	0666	3-AQC	5-HT3 antagonist
3414	I13	Tocris	0797	8-Hydroxy-PIPAT oxalate	High affinity 5-HT1A agonist
3414	I15	Tocris	0832	ICI-89406	$\beta$ antagonist
3414	I17	Tocris	0902	Cimetidine	H2 antagonist, I1 agonist
3414	I19	Tocris	0993	Cyanopindolol hemifumarate	5-HT1A/1B antagonist. Also $\beta$ -adrenergic antagonist
3414	I21	Tocris	1045	CNQX disodium salt	Potent AMPA/kainate antagonist. More water soluble form of CNQX (Cat. No. 0190)
3414	J03	Tocris	0994	Pindolol	$\beta$ 3 partial agonist
3414	J05	Tocris	0996	Cyproheptadine hydrochloride	5-HT2 antagonist
3414	J07	Tocris	1001	Chlorisondamine diiodide	Nicotinic antagonist; slow offset
3414	J09	Tocris	1030	Guanfacine hydrochloride	$\alpha$ 2A agonist
3414	J11	Tocris	1064	Methysergide maleate	5-HT1/5-HT2 antagonist
3414	J13	Tocris	1067	Oxotremorine M	Muscarinic agonist
3414	J15	Tocris	1077	Lobeline hydrochloride	Nicotinic agonist
3414	J17	Tocris	1100	Camptothecin	DNA topoisomerase inhibitor
3414	J19	Tocris	1103	Ketoconazole	Cytochrome P450c17 inhibitor
3414	J21	Tocris	1125	Quercetin	Non-selective PI 3-kinase inhibitor
3414	K03	Tocris	1065	PD 168077 maleate	High affinity, selective D4 agonist
3414	K05	Tocris	1144	U0126	Potent, selective inhibitor of MEK1 and 2
3414	K07	Tocris	1300	LFM-A13	Potent, selective BTK inhibitor
3414	K09	Tocris	1323	Butabindide oxalate	CCK-inactivating serine protease inhibitor
3414	K11	Tocris	1347	Nafadotride	Highly potent, preferential D3 antagonist
3414	K13	Tocris	1377	Cromakalim	KATP channel opener
3414	K15	Tocris	1378	Levcromakalim	KATP channel opener. Active enantiomer of cromakalim (Cat. No. 1377)
3414	K17	Tocris	1412	Chromanol 293B	IKs blocker. Also blocks ICFTR
3414	K19	Tocris	1427	Citalopram hydrobromide	Highly potent and selective 5-HT uptake inhibitor
3414	K21	Tocris	1475	(-)-[3R,4S]-Chromanol 293B	IKs blocker. Enantiomer of Chromanol 293B (Cat. No. 1412)
3414	L03	Tocris	1127	Yohimbine hydrochloride	Selective $\alpha$ 2 antagonist
3414	L05	Tocris	1142	Oxymetazoline hydrochloride	$\alpha$ 1A agonist
3414	L07	Tocris	1205	SR 57227 hydrochloride	Potent, selective 5-HT3 agonist
3414	L09	Tocris	1230	Methotrexate	Cytotoxic agent
3414	L11	Tocris	1235	Cyclopiazonic Acid	Inhibitor of SERCA ATPase
3414	L13	Tocris	1257	Vincristine sulfate	Disrupts microtubules
3414	L15	Tocris	1260	Ivermectin	Allosteric modulator of $\alpha$ 7 nicotinic receptors
3414	L17	Tocris	1290	Anisomycin	Protein synthesis inhibitor
3414	L19	Tocris	1326	BADGE	PPAR $\gamma$ antagonist
3414	L21	Tocris	1364	Colchicine	Inhibitor of tubulin
3414	M03	Tocris	1494	DPN	Highly potent ER $\beta$ agonist
3414	M05	Tocris	1541	HA14-1	Bcl-2 inhibitor. Induces apoptosis
3414	M07	Tocris	1555	AG 825	Selective ErbB2 inhibitor
3414	M09	Tocris	1634	Y 29794 oxalate	Prolyl endopeptidase inhibitor
3414	M11	Tocris	1690	SCH 28080	H <sup>+</sup> ,K <sup>+</sup> -ATPase inhibitor
3414	M13	Tocris	1743	Bay 11-7085	Irreversible inhibitor of TNF- $\alpha$ -induced I $\kappa$ B $\alpha$ phosphorylation
3414	M15	Tocris	1744	Bay 11-7821	Irreversible inhibitor of TNF- $\alpha$ -induced I $\kappa$ B $\alpha$ phosphorylation

ICCB-L Plate	ICCB-L Well	Vendor	Vendor ID	Chemical_Name	Brief Description
3414	M17	Tocris	1806	SR 33805 oxalate	Ca2+ channel blocker; binds allosterically to distinct site on L-type channels
3414	M19	Tocris	1868	U0124	Inactive analog of U0126 (Cat. No. 1144)
3414	M21	Tocris	1969	SL 327	Selective inhibitor of MEK1 and MEK2; brain penetrant
3414	N03	Tocris	1390	(-)-Cytisine	Potent, selective neuronal nicotinic agonist
3414	N05	Tocris	1416	Homoharringtonine	Inhibitor of protein synthesis. Antileukemic agent
3414	N07	Tocris	1467	Daunorubicin hydrochloride	RNA synthesis inhibitor
3414	N09	Tocris	1620	Alprostadil	Prostaglandin. Vasodilator and antiplatelet agent in vivo
3414	N11	Tocris	1707	Sulindac	Cyclooxygenase inhibitor (following metabolism to sulindac sulfide)
3414	N13	Tocris	1708	Indomethacin	Cyclooxygenase inhibitor (COX-1 > COX-2)
3414	N15	Tocris	1759	Nilutamide	Androgen receptor antagonist. Orally active
3414	N17	Tocris	1769	Flurbiprofen	Cyclooxygenase inhibitor
3414	N19	Tocris	1869	Ipsapirone	Selective 5-HT1A agonist
3414	N21	Tocris	2073	(R)-(-)-Apomorphine hydrochloride	Dopamine agonist; non-subtype-selective
3414	O03	Tocris	1970	Norketamine hydrochloride	Potent, non-competitive NMDA antagonist
3414	O05	Tocris	2076	Y-26763	KATP channel opener
3414	O07	Tocris	2077	Y-27152	Prodrug of KATP channel opener Y-26763 (Cat. No. 2076); orally active in vivo
3414	O09	Tocris	2387	LY 320135	Selective CB1 receptor antagonist/inverse agonist
3414	O11	Tocris	2403	MRS 3777 hemioxalate	High affinity, selective A3 antagonist
3414	O13	Tocris	2477	Proxyfan Oxalate	High affinity H3 ligand
3414	O15	Tocris	1254	Y-27632 dihydrochloride	Selective p160ROCK inhibitor
3414	O17	Tocris	3506	NVP DPP 728 dihydrochloride	Potent, orally active DPP-IV inhibitor
3414	O19	Tocris	3645	NXY 059	Free radical trapping agent; neuroprotectant
3414	O21	Tocris	3665	Donitriptan hydrochloride	5-HT1B/1D agonist
3414	P03	Tocris	2228	Leflunomide	Dihydroorotate dehydrogenase inhibitor
3414	P05	Tocris	2251	Cisplatin	Potent pro-apoptotic anticancer agent; activates caspase-3
3414	P07	Tocris	2459	Tropisetron hydrochloride	Potent 5-HT3 receptor antagonist; orally active
3414	P09	Tocris	2470	Nimesulide	Cyclooxygenase-2 (COX-2) inhibitor
3414	P11	Tocris	2503	(-)-Bicuculline methiodide	Water-soluble GABAA antagonist
3414	P13	Tocris	2521	NSC 3852	Histone deacetylase inhibitor
3414	P15	Tocris	2550	SUN-B 8155	Non-peptide calcitonin (CT) receptor agonist
3414	P17	Tocris	2687	Pentylenetetrazole	CNS stimulant
3414	P19	Tocris	3545	Histamine dihydrochloride	Endogenous histamine receptor agonist
3414	P21	Tocris	3689	Cevimeline hydrochloride	Selective M1 agonist