

Small Molecule Library: ChemBridge Focused Ion Channel Core Plate 3408

Plate	Well	Vendor Reagent ID	Targets	Active Compound	Scheme#
3408	A03	26558344	Potassium Channel Opener	<chem>COC(=O)c1ccc(=O)n(CN(C)=O)c2ccccn2)c1</chem>	2225
3408	A04	74210071	Potassium Channel Opener	<chem>Clc1ncc(cn1)NC(=O)c1ccc(Cl)c(F)c1</chem>	2218
3408	A05	38190270	Potassium Channel Modulator	<chem>CC(=O)Nc1ccc2nc(nH)c2c1c1cccc1nc1c2cccc2[nH]1</chem>	3512
3408	A06	41995970	Potassium Channel Opener	<chem>Clc1ncc(cn1)NC(=O)c1ccc(Cl)c(F)c1</chem>	2218
3408	A07	54490250	Calcium Channel Blocker P-Type and L-Type	<chem>COc1nscn1c1cccc(c1)n1c(N)nc2cccc12</chem>	2213
3408	A08	18950151	Potassium Channel Inhibitor	<chem>CN(C)c1nc(NC2ccccn2)c2c(occ2c2cccc2)n1</chem>	3504
3408	A09	96447557	Calcium Channel Blocker	<chem>COc1ccc2c(ncn2c2cccc(c2)c2cccc2)c1</chem>	3507
3408	A10	62301407	Potassium Channel Opener	<chem>Clc1ncc(cn1)NC(=O)c1ccc(Cl)c(F)c1</chem>	2225
3408	A11	27997194	Calcium Channel Blocker N-type	<chem>O=C(NC1CCN(CC1)C1cccc1)[C@H](CSCC1CCCC1)NC(=O)[C@@H]1CSCN1C(=O)CC(C)(C)C</chem>	2225
3408	A12	21908544	Potassium Channel Activator	<chem>O=c1cccc1C1=CC(C)(C)Oc2cc3nnc3cc12</chem>	3232
3408	A13	44857539	Potassium Channel Activator	<chem>CC(=O)Nc1ccc(cn1)NC(=S)NC(C)(C)(C)C</chem>	2225
3408	A14	72294470	Potassium Channel Inhibitor	<chem>COCCO1nc(NC2ccccn2)c2c(occ2c2cccc2)n1</chem>	3504
3408	A15	61280668	Calcium and Sodium Channel Blocker	<chem>2202</chem>	2202
3408	A16	62460131	Potassium Channel Activator	<chem>COc1ccc[n+](O)c1C1=NC(C)(C)Oc2ccc(cc12)C(F)(F)F</chem>	3512
3408	A17	67807991	Potassium Channel Modulator	<chem>Clc1ccc(cn1)NC(=O)c1ccc(Cl)c(c1)C(F)(F)F</chem>	3505
3408	A18	35932100	Potassium Channel Blocker	<chem>CCCN1C(=O)C(NC(=O)C)C2cccc3cccc23)N=C(N2CCCC2)c2cccc12</chem>	2218
3408	A19	33210666	Sodium channel Inhibitor	<chem>Br1ccc(nc1)NC(=O)c1cc2nc(cc(n2n1)C(F)(F)F)c1cccc1</chem>	2213
3408	A20	35372603	Sodium and Calcium channel blocker,	<chem>Fc1ccc2[nH]c(nc2c1)C1CCCN(C1)C(=O)COc1ccc(Cl)c(Cl)c1</chem>	2226
3408	A21	87127488	Calcium Channel Blocker T-Type and L-Type	<chem>CCCCCCCCCCCCCc1cccc(OCC)c1C1C(=C)C(NC(=C1C(=O)OC(C)C)C(=O)OCC</chem>	2220
3408	A22	76860776	Sodium Channel Blocker	<chem>CC(N)COc1c(C)cccc1C</chem>	3503
3408	B03	94881687	Potassium Channel Activator	<chem>Br1cc2OC(C)(C)OC(N3CCCC3=O)c2s1</chem>	3512
3408	B04	59803511	Calcium Channel Blocker	<chem>NCCCN1CCc2cccc12</chem>	3224
3408	B05	18160060	Potassium Channel Blocker	<chem>CCN(CC)CCCC(NC(=O)c1ccc(cc1)[N+](=O)[O-])c1cccc1</chem>	3504
3408	B06	29647409	Calcium Channel Blocker	<chem>CC(C)CCN(C1CCN(CC1)CC(C)(C)OC)C1ccc(OCC2CCCC2)cc1</chem>	2240
3408	B07	54872811	Potassium Channel Activator	<chem>CCOc1ccc[n+](O)c1C1=NC(C)(C)Oc2ccc(Br)cc12</chem>	3504
3408	B09	86951986	Calcium Channel Blocker	<chem>COc1ccc2c(ncn2c2cccc(c2)c2cccc2)c1</chem>	3504
3408	B11	90860666	Potassium Channel Modulator	<chem>O=C(NC1ccc(Cl)cc1)Nc1cc(cc1)C(F)(F)F)C(F)(F)F</chem>	2225
3408	B13	85376799	Potassium Channel Inhibitor	<chem>CN(C)c1nc(NC2ccccn2)c2c(occ2c2cccc2)n1</chem>	2213
3408	B15	49427224	Potassium Channel Activator	<chem>COc1cc2OC(C)(C)N=C(c2cc1[N+](=O)[O-])c1cccc[n+][O-]</chem>	2202
3408	B17	79724314	Calcium Channel Blocker	<chem>NC[C@H]1CC[C@@H]1[C@H](C)C1(=O)Nc1cccc1</chem>	2225
3408	B19	14020399	Potassium Channel Opener	<chem>CC(C)NC(C)(C)C(C)C</chem>	3503
3408	B21	62151593	Calcium Channel Blocker	<chem>O=C(Nc1ccc(cc1)n1nc(cc1C(F)(F)F)C(F)(F)F)c1cccc1C</chem>	2220
3408	C03	43962673	Potassium Channel Inhibitor	<chem>CN(C)c1nc(NC2ccccn2)c2c(occ2c2cccc2)n1</chem>	2218
3408	C04	49271615	Sodium or N-Type Calcium Channel Modulator	<chem>CN(C)c1nc(ncc1C(=O)C)c1cccc1</chem>	3504
3408	C05	62432006	Calcium Channel Antagonist N-Type	<chem>Nc1nc(Nc2ccc3nc(C)cc(N)c3c2)cc(n1)c1cccc1F</chem>	3514
3408	C06	24714846	Potassium Channel Blocker	<chem>O=C(CCC1CGCC1)NC1N=C(N2CCGCC2)c2cccc2N(C)C1=O</chem>	2225
3408	C07	35128374	Sodium and Calcium channel blocker	<chem>CN(C)c1nc(ncc1c1nnc(o1)C(C)C)c1cccc1</chem>	3509
3408	C08	88493400	Potassium Channel Blocker	<chem>NC(=O)C1CCCN(C1)c1nc(nc2cccc12)N1CCCC(C1)CNc1nc(nc2cccc12)N1CCCC1</chem>	2213
3408	C09	69035124	Potassium Channel Activator	<chem>CC(=O)Oc1ccc2OC(C)(C)N=C(c2c1)c1cccc[n+][O-]</chem>	3514
3408	C10	42469660	Potassium Channel Activator	<chem>O=C1N(Cc2ccnc12)C1=CC(C)(C)Oc2ccc(cc12)OC(F)(F)F</chem>	3232
3408	C11	42343431	Potassium Channel Inhibitor	<chem>CN(C)c1nc(NC2ccccn2)c2c(occ2c2cccc2)n1</chem>	2225
3408	C12	42721172	Potassium Channel Activator	<chem>CC(=O)Oc1ccc2OC(C)(C)N=C(c2c1)c1cccc[n+][O-]</chem>	3514
3408	C13	99292944	Sodium Channel Blocker	<chem>Fc1cc(cc1)c1cccc1OC(F)(F)F)c1[nH](n1)C(=O)N</chem>	2225
3408	C14	98454568	Calcium Channel Blocker	<chem>COc1ccc(cc1)[C@H]1SC=C(NC(=O)[C@H]1OC(=O)C)c1cccc1</chem>	3504
3408	C15	72114304	Calcium Channel Blocker	<chem>COc1cc(cc1OC)C(O)CN1CCN(CC1)C1cccc1c1cccc1</chem>	3503
3408	C16	76966874	Sodium Channel Blocker	<chem>O=C1Cc2cccc2N(C(=O)N)c2cccc12</chem>	3504
3408	C17	18190234	Potassium Channel Inhibitor	<chem>2202</chem>	2202
3408	C18	61517112	Sodium Channel Antagonist	<chem>CN(C)CCOc1cccc1c1onc(n1)c1cccc1</chem>	3509
3408	C19	79372464	Potassium Channel Inhibitor	<chem>CN(C)c1nc(NC2ccccn2)c2c(occ2c2cccc2)n1</chem>	2213
3408	C20	81547120	Potassium Channel Inhibitor	<chem>CN(C)c1nc(NC2ccccn2)c2c(occ2c2cccc2)n1</chem>	3504
3408	C21	69084643	Potassium Channel Blocker	<chem>C(S(=O)(=O)N(C)C1CC2(C)CC2)Oc2ccc(F)cc12</chem>	3502
3408	C22	75954585	Potassium Channel Blocker	<chem>Cc1cccc(CCN2CC(C)C2)C(=O)c2ccc(cc2)NS(=O)(=O)Cn1</chem>	3501
3408	D03	49177620	Potassium Channel Opener	<chem>Clc1cccc1N1CCN(CC1)CCn1cnc2c1c(=O)n(C)c(=O)n2C</chem>	3504
3408	D04	82486920	Calcium Channel Inhibitor N-Type	<chem>CNc1cc(nc2ccc3n(C)enc3c12)c1ccncc1</chem>	3504
3408	D05	92664724	Sodium and Calcium channel blocker	<chem>CN(C)c1nc(ncc1c1nnc(o1)C(C)C)c1cccc1</chem>	3509
3408	D06	13890954	Calcium Channel Blocker	<chem>2241</chem>	2241
3408	D07	64677162	Sodium channel Inhibitor	<chem>Br1ccc(nc1)NC(=O)c1cc2nc(cc(n2n1)C(F)(F)F)c1cccc1</chem>	2220
3408	D09	22844470	Potassium Channel Activator	<chem>[O-][n+][O-]c1ccc1C1=NC(C)(C)Oc2ccc(Br)cc12</chem>	3506
3408	D11	30819827	Calcium Channel Antagonist N-Type	<chem>O=C(NC1CCN(CC1)C1cccc1)[C@H](CSCC1CCCC1)NC(=O)[C@@H]1CSCN1C(=O)OC(C)(C)C</chem>	2225
3408	D13	92860055	Sodium and Calcium Channel Blocker	<chem>Clc1ccc2nc(nc(N3CCCC3)c2c1)c1cccc1F</chem>	2202
3408	D15	56800569	Potassium Channel Blocker	<chem>CC(C)c1nc2cccc2c(c1)N1CCCN(CC1)c1cc(nc2cccc12)C(C)C</chem>	2202
3408	D17	14650289	Sodium and Calcium channel blocker,	<chem>Fc1ccc2[nH]c(nc2c1)C1CCCN(C1)C(=O)COc1ccc(Cl)c(Cl)c1</chem>	3504
3408	D19	51877033	Calcium Channel Antagonist L-Type	<chem>2224</chem>	3224
3408	D21	92513249	Potassium and Sodium Channel Blocker	<chem>O1CCN(CC1)[C@H]1CCCC[C@H]1OCCc1cccc2cccc12</chem>	3224
3408	E03	54479488	Sodium Channel Blocker	<chem>CCOC(=O)c1cnc(nc1N1CC=CC1)c1cccc1</chem>	3512
3408	E04	15081204	Sodium Channel Blocker	<chem>CCOC(=O)c1cnc(nc1N1CCCCC1)c1cccc1OC</chem>	3509
3408	E05	66581857	Potassium Channel Activator	<chem>[O-][n+][O-]c1ccc1C1=NC(C)(C)Oc2ccc(Br)cc12</chem>	3506
3408	E06	23042792	Calcium Channel Blocker	<chem>COC(=O)C1=C(C)NC(=C(C(=O)OC2CC(C)OCC2C(C)C)C1c1cccc1C(F)(F)F)C</chem>	2226
3408	E07	72763289	Potassium Channel Blocker	<chem>COc1ccc(cc1)C=C1CCc2ncc(C)cc2C1=O</chem>	2226
3408	E08	91186731	Potassium Channel Blocker	<chem>C(S(=O)(=O)N(C)C1CC2(C)CC2)Oc2ccc(F)cc12</chem>	3502
3408	E09	62806086	Calcium Channel Blocker	<chem>COc1ccc2c(ncn2c2cccc(c2)c2cccc2)c1</chem>	2213
3408	E10	47242175	Potassium Channel Activator	<chem>COC(=O)c1ccc(=O)n(CN(C)=O)c2ccccn2)c1</chem>	2225
3408	E11	35994255	Sodium channel Closer	<chem>Clc1ccc(cc1)C1(C)CCCN([C@H](CN2CCCC2)c2cccc2)C1=O</chem>	2202
3408	E12	83075296	Sodium Channel Blocker	<chem>COc1ccc(cc1)c1nc2cc(nc2c1)C(F)(F)F)C(=O)Nc1ccc(Cl)cc1C(=O)c1cccc1</chem>	2220
3408	E13	91763244	Calcium Channel Blocker	<chem>COc1ccc(cc1n1c(N)nc2cccc12)c1cccc1</chem>	3512
3408	E14	66439717	Potassium Channel Opener	<chem>[O-][n+][O-]c1ccc1N1CC(C)(C)Oc2cc3nnc3cc12</chem>	3232
3408	E15	97531688	Sodium Channel Blocker	<chem>Clc1ccc(cc1)Oc1cc(NC(=O)c2cc3nc(cc(n3n2)C(F)(F)F)c2cccc2)cc(c1)[N+](=O)[O-]</chem>	2220
3408	E16	70341140	Potassium Channel Activator	<chem>CCOC1ccc[n+](O)c1C1=NC(C)(C)Oc2ccc(Br)cc12</chem>	3507
3408	E17	99177547	Potassium Channel Blocker	<chem>CCN(CC)CCCC(NC(=O)c1ccc(cc1)[N+](=O)[O-])c1cccc1</chem>	3504
3408	E18	94484584	Calcium Channel Blocker	<chem>COc1ccc(cc1n1c(N)nc2cccc12)c1cccc1</chem>	3512
3408	E19	32397262	Sodium Channel Blocker	<chem>NC(=O)c1ccc(n1)c1cccc(n1)c1cccc1OC(F)(F)F</chem>	3509
3408	E20	50895227	Calcium Channel Blocker	<chem>CC(C)COCC(NC1CCCC1)c1cccc1N1CCCC1</chem>	3501
3408	E21	94434637	Sodium and Calcium channel blocker,	<chem>Fc1ccc2[nH]c(nc2c1)C1CCCN(C1)C(=O)COc1ccc(Cl)c(Cl)c1</chem>	2216
3408	E22	92721733	Calcium Channel Blocker	<chem>NCC1CCC(CC1)C(=O)Nc1ccncc1</chem>	3505
3408	F03	51467144	Sodium Channel Blocker	<chem>O=C1Cc2cccc2N(C(=O)N)c2cccc12</chem>	3504
3408	F04	58534954	Sodium channel Inhibitor	<chem>Br1ccc(nc1)NC(=O)c1cc2nc(cc(n2n1)C(F)(F)F)c1cccc1</chem>	2213
3408	F05	48600414	Calcium Channel Blocker	<chem>COc1ccc2c(ncn2c2cccc(c2)c2cccc2)c1</chem>	3514

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Plate	Well	Vendor Reagent ID	Targets	Active Compound	Scheme#
3408	F07	81170719	Sodium Channel Blocker	Clc1cccc1n1nc([nH]c1=O)c1cccc1	2216
3408	F09	45843221	Potassium Channel Modulator	Clc1ccc(cn1)NC(=O)c1ccc(Cl)c(c1)C(F)F	3505
3408	F11	23644959	Calcium Channel Blocker N-Type and/or T-Type	CC[C@H](C)[C@H](N)C(=O)N1CC(C)N1CC(=O)C(C)C	2202
3408	F13	14360448	Potassium Channel Blocker	C1CCC2(C1)C1CN(CC3CC3)CC2CN(CC2C2)C1	3501
3408	F15	87262523	Calcium Channel Blocker	CC[C@H](C)[C@H](N)C(=O)N1CC(C)N1CC(=O)C(C)C	2202
3408	F17	63813706	Potassium Channel Blocker	N#C/N=C([Nc1cncnc1])N[C@H](C)c1cccc1	2225
3408	F19	32755818	Potassium Channel Activator	[O-][n+1]cccc1C1=NC(C)(C)Oc2cc(Cl)c(Br)cc12	3506
3408	F21	14004820	Sodium channel Inhibitor	Brc1ccc(nc1)NC(=O)c1cc2nc(cc(n2n1)C(F)F)c1cccc1	2220
3408	G03	46086528	Calcium Channel Blocker P-Type and L-Type	COc1nsc1c1cccc(c1)n1c(N)nc2cccc12	2213
3408	G04	18386816	Potassium Channel Activator	CCc1ccc2c(c1)[C@H](N1CCCCC1=O)[C@H](O)C2(C)C	3504
3408	G05	42941471	Potassium Channel Blocker	COc1cc(ccc1OC)C1CCN(CC1)CC[C@H]1CCOC2cccc12	3512
3408	G06	79439872	Sodium Channel Blocker	COc1ccc(cc1)c1nc2cc(nn2c(c1)C(F)F)C(=O)Nc1ccc(Cl)cc1C(=O)c1cccc1	2218
3408	G07	24254404	Sodium Channel Blocker	CC(N)COc1c(C)cccc1C	3503
3408	G08	37764330	Calcium Channel Blocker	CCOC1cc(ccc1OCC)CC1=NCc2cc(OC(C)C)c(OC(C)C)cc12	3232
3408	G09	64095659	Calcium Channel Blocker	COc1ccc2SCCN(Cc2c1)C(=O)CCN1CCC(CC1)Cc1cccc1	3502
3408	G10	70762220	Potassium Channel Antagonist	[O-][N+](=O)c1ccc(c(c1)[N+](=O)[O-])c1[nH]c(c1[N+](=O)[O-])C(F)F	2226
3408	G11	38291888	Sodium Channel Blocker	CCOC(=O)c1cnc(nc1N1CC=CC1)c1cccc1	3512
3408	G12	30230041	Sodium and Calcium channel blocker,	Fc1ccc2nHj(c(nc2e1)C1CCCN(C1)C(=O)COc1ccc(Cl)c(Cl)c1	2216
3408	G13	94613921	Chloride Channel Blocker	Brc1ccc(NC2=C(Nc3cccc(c3)C(F)F)C(=O)C2=O)c(c1)c1nnn[nH]1	3504
3408	G14	20982498	Potassium Channel Blocker	COc1cc(ccc1OC)C1CCN(CC1)CC[C@H]1CCOC2cccc12	3512
3408	G15	39405157	Potassium Channel Activator	COc1ccc(n+)([O-])c1C1=NC(C)(C)Oc2ccc(cc2)C(F)F	3509
3408	G16	76329389	Sodium Channel Inhibitor	Brc1ccc(nc1)NC(=O)c1cc2nc(cc(n2n1)C(F)F)c1cccc1	2225
3408	G17	41661297	Sodium Channel Inhibitor	Brc1ccc(nc1)NC(=O)c1cc2nc(cc(n2n1)C(F)F)c1cccc1	2225
3408	G18	26253276	Potassium Channel Activator	CN1CC(Oc2cccc12)C1=NCN1	2220
3408	G19	87169666	Sodium Channel Blocker	Nc1nc2ccc(cc2s1)OC(F)F	3514
3408	G20	94015250	Potassium Channel Activator	CNC(=S)[C@H]1(CCCC[C@H]1c1cccnc1)NCc1cccc1	3503
3408	G21	47212362	Potassium Channel Activator	Cc1nc2cnn2c2c1CCN2C(C)C	3512
3408	G22	28615424	Potassium Channel Inhibitor	CN(C)c1nc(NCc2ccccn2)c2c(occ2c2cccc2)n1	3514
3408	H03	67882354	Potassium Channel Inhibitor	CCOC1ccc(c1)Cn1ncc2c(ncn2)N1CCN(CC1)C(=O)C1CCC2(NCCc3cc(OCC)c(OCC)cc23)CC1	3232
3408	H04	56351336	Potassium Channel Blocker	C1ccc(cc1)C=C1C(Cc2ncc(C)cc2)C1=O	3505
3408	H05	73960992	Potassium Channel Activator	CC(C)NC1=NC(=O)C2(N1)CC(C)(C)OC1ccc(Br)cc21	2213
3408	H07	64937843	Sodium Channel Blocker	Nc1nnc(c(N)n1)c1cccc(Cl)c1C1	3514
3408	H09	54635124	Calcium Channel Blocker	NCCC1CCC(C)C(=O)Nc1cncnc1	3505
3408	H11	69520153	Potassium Channel Blocker	O=C(CCCC1CCCC1)NC1N=C(N2CCCCC2)c2cccc2N(C)C1=O	2216
3408	H13	71615827	Potassium Channel Blocker	CCN(CC)CCCCC(NC(=O)c1ccc(cc1)[N+](=O)[O-])c1cccc1	3504
3408	H15	77230915	Calcium Channel Blocker N-Type	CCCCCCCCC(=O)N(C)CC[N+](C)(C)CCNCCCNC[N+](C)(C)CCN(C)C(=O)CCCCCCCC	2202
3408	H17	24750554	Potassium Channel Inhibitor	CN(C)c1nc(NCc2ccccn2)c2c(occ2c2cccc2)n1	3507
3408	H19	64221284	Sodium and Calcium Channel Blocker	CN(C)CCN(C)c1nc(nc2cccc12)c1c1(F)cccc1F	3507
3408	H21	65558472	Sodium and Calcium channel blocker,	Fc1ccc2nHj(c(nc2e1)C1CCCN(C1)C(=O)COc1ccc(Cl)c(Cl)c1	2225
3408	I03	35320714	Sodium Channel Blocker	Fc1cc(ccc1)c1cccc1OC(F)F)c1n[nH]c(n1)C(=O)N	2225
3408	I04	81669024	Potassium Channel Opener	[O-][n+1]cccc1N1CC(C)(C)Oc2cc3nonc3cc12	3232
3408	I05	24463702	Sodium Channel Blocker	NC(=O)c1nn(Cc2c(F)cccc2)F	3505
3408	I06	43072025	Calcium Channel Blocker N-Type and T-Type	NCCCCCN1=Nc2cccc2C(C(=O)OC)N1c1ccc(cc1)c1cccc1	2213
3408	I07	21677938	Potassium Channel Activator	O=C1CCC2=C1C(c1ccc3nonc3c1)C1=C(CCC1=O)N2	2226
3408	I08	98143424	Calcium Channel Blocker	COc1ccc2c(ncn2c2cccc(c2)c2cccc2)c1	3507
3408	I09	40947178	Calcium Channel Inhibitor	O=C(Nc1ccc(cc1)n1nc(cc1C(F)F)C(F)F)c1ccc2nonc2c1	3514
3408	I10	35209402	Potassium Channel Activator	CCCCCN(C=O)Nc1ccc(cn1)N(C(=N)C#N)N(C)[C@H]1C[C@H]2CC[C@H]1C2	2225
3408	I11	63506403	Calcium Channel Blocker	O=C(Nc1ccc(cc1)n1nc(cc1C(F)F)C(F)F)c1cccc1	2218
3408	I12	94460015	Calcium Channel Activator	COc(=O)c1c(C)[nH]c(C)c1C(=O)c1cccc1Cc1cccc1	3504
3408	I13	87850840	Potassium Channel Opener	[O-][n+1]cccc1N1CC(C)(C)Oc2cc3nonc3cc12	3504
3408	I14	96147331	Potassium Channel Blocker	CCCN1C(=O)C(NC(=O)C2cccc3cccc23)N=C(N2CCCCC2)c2cccc12	2218
3408	I15	41373066	Potassium Channel Inhibitor	COc(=O)C1=C(C)NC2=C(C(=O)SC2)C1c1cccc1OCc1cccc1	2226
3408	I16	88366198	Calcium Channel Agonist	COc1ccc(c1)Cn1ncc2c(ncn2)N1CCN(CC1)C(=O)C1CCC2(NCCc3cc(OCC)c(OCC)cc23)CC1	3232
3408	I17	90417838	Potassium Channel Inhibitor	Fc1ccc(cc1)C(Si)(C)CN1CCCCC1	3503
3408	I18	50498909	Sodium Channel Blocker	COc1ccc(cc1)CC1=NCc2cc(OC)c(OC)cc12	3514
3408	I19	28418350	Calcium Channel Blocker	CN(C)c1nc(NCc2ccccn2)c2c(occ2c2cccc2)n1	3507
3408	I20	81165725	Potassium Channel Inhibitor	CCCCCCCCC1CCC(Cc2cccc2)N1C	2226
3408	I21	93661335	Sodium channel Inhibitor	COc1cc(ccc1OC)C(O)CN1CCN(CC1)C(c1cccc1)c1cccc1	3503
3408	J03	37312304	Sodium Channel Blocker	CN(C)C(c1cccc1)C1CCCCC1(O)c1cccc1	3502
3408	J04	81205244	Potassium Channel Blocker	COc1cc(ccc1OC)C1CCN(CC1)CC[C@H]1CCOC2cccc12	3509
3408	J05	69135566	Potassium Channel Modulator	CC(N)CC(=O)C(C)C1ccc(F)cc1	2202
3408	J07	80176468	Calcium Channel Inhibitor	O=C(Nc1ccc(cc1)n1nc(cc1C(F)F)C(F)F)c1ccc2nonc2c1	3504
3408	J09	55269786	Calcium Channel Blocker N-Type and/or T-Type	COc1ccc(CN2CCN(CC2)C(c2ccc(F)cc2)c2ccc(F)cc2)c(OC)c1OC	2202
3408	J11	80925238	Calcium Channel Blocker	COc1ccc(CN2CCN(CC2)C(c2ccc(F)cc2)c2ccc(F)cc2)c(OC)c1OC	3502
3408	J13	75584021	Sodium and Calcium channel blocker	CN(C)c1nc(ncc1c1nnc(o1)C(C)C)c1cccc1	2213
3408	J15	60113002	Calcium Channel Blocker	NCC1CCC(CC1)C(=O)Nc1cncnc1	2225
3408	J17	20225074	Sodium Channel Blocker	COc1ccc(CN2CCN(CC2)C(c2ccc(F)cc2)c2ccc(F)cc2)c(OC)c1OC	2241
3408	J19	86313993	Sodium and Calcium channel blocker	CN(C)c1nc(ncc1c1nnc(o1)C(C)C)c1cccc1	3509
3408	J21	83759626	Potassium Channel Activator	[O-][n+1]cccc1C1=NC(C)(C)Oc2cc(Cl)c(Br)cc12	2240
3408	K03	92150550	Potassium Channel Activator	CN(C)C1=C(Nc2ccccn2)C(=O)C1=O	2218
3408	K04	33117214	Potassium Channel Inhibitor	CN(C)c1nc(NCc2ccccn2)c2c(occ2c2cccc2)n1	2218
3408	K05	27213487	Potassium Channel Inhibitor	CN(C)c1nc(NCc2ccccn2)c2c(occ2c2cccc2)n1	3509
3408	K06	29207239	Calcium Channel Inhibitor	COc1ccc(CN2CCN(CC2)C(c2ccc(F)cc2)c2ccc(F)cc2)c(OC)c1OC	2202
3408	K07	61034584	Sodium Channel Antagonist	CN(C)CCOC1cccc1c1onc(n1)c1cccc1	3504
3408	K08	28342589	Calcium Channel Blocker N-Type	CCCCCCCCC(=O)N(C)CC[N+](C)(C)CCNCCCNC[N+](C)(C)CCN(C)C(=O)CCCCCCCC	3504
3408	K09	89318599	Potassium Channel Activator	[O-][n+1]cccc1C1=NC(C)(C)Oc2cc(Cl)c(Br)cc12	3504
3408	K10	44910271	Calcium Channel Blocker N-Type	CC(C)[C@H](N)[C@H](N)C(=O)N1CC(C)N1CC(=O)C(C)C	2202
3408	K11	57483501	Potassium Channel Modulator	CC(=O)Nc1ccc2nc([nH]c2c1)c1cccc1c1nc2cccc2[nH]1	3512
3408	K12	74184081	Potassium Channel Modulator	CCC(N)CC(=O)C(C)C1ccc(F)cc1	3504
3408	K13	44110875	Calcium Channel Blocker P-Type and L-Type	COc1nsc1c1cccc(c1)n1c(N)nc2cccc12	2213
3408	K14	14217304	Potassium Channel Blocker	NC(=O)C1CCN(C)C1nc(nc2cccc12)N1CC(C)C1)CNc1nc(nc2cccc12)N1CCCC1	2213
3408	K15	46881547	Sodium Channel Blocker	CCOC(=O)c1cnc(nc1N1CC=CC1)c1cccc1	2213
3408	K16	72916145	Sodium Channel Blocker	CCOC(=O)c1cnc(nc1N1CC=CC1)c1cccc1	3512
3408	K17	65570002	Sodium Channel Blocker	CN(C)C(c1cccc1)C1CCCCC1(O)c1cccc1	3502
3408	K18	43279692	Sodium Channel Blocker	CCOC(=O)c1cnc(nc1N1CCCCC1)c1cccc1	2202
3408	K19	12358871	Calcium Channel Blocker T-Type and L-Type	COc1ccc(CN2CCN(CC2)C(c2ccc(F)cc2)c2ccc(F)cc2)c(OC)c1OC	2202

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Plate	Well	Vendor Reagent ID	Targets	Active Compound	Scheme#
3408	K20	46354390	Potassium Channel Blocker	O=C(CCCC1CCCC1)NC1N=C(N2CCCC2)c2cccc2N(C)C1=O	2216
3408	K21	33323712	Sodium Channel Antagonist	CN(C)CCOC1CCCC1c1onc(n1)c1cccc1	3504
3408	K22	87812930	Potassium Channel Opener	[O-][n+1cccc1N1CC(Oc2ccc(cc12)[N+](=O)[O-])(C(F)F)C(F)F	2202
3408	L03	22933091	Calcium Channel Blocker	COc1ccc2c(ncn2c2cccc(c2)c2cccc2)c1	3504
3408	L04	86271543	Sodium Channel Blocker	CC(C)(C)N[C@@H]1C=CC(C1)(c1cccc1)c1cccc1	3224
3408	L05	57587206	Calcium and Sodium Channel Blocker		2202
3408	L07	75553596	Calcium Channel Blocker	COc1ccc(cc1)CC1=NCc2cc(OC)c(OC)cc12	3509
3408	L09	29445752	Calcium Channel Blocker	COc1ccc2c(ncn2c2cccc(c2)c2cccc2)c1	3509
3408	L11	40113147	Potassium Channel Antagonist	[O-][N+](=O)c1ccc(c(c1)[N+](=O)[O-])c1n[nH]c(c1[N+](=O)[O-])C(F)F	2226
3408	L13	56996516	Calcium Channel Blocker	CC(C)CCN(C1CCN(CC1)C(=O)C@H)[C](C)NC(=O)N1CCCCC1)c1ccc(NCC2CCCC2)cc1	2202
3408	L15	11742617	Sodium Channel Blocker	NC(=O)c1cccc(n1)c1cccc(n1)c1cccc(OC(F)F)	3514
3408	L17	69780724	Potassium Channel Inhibitor	C1CN=C(N1)c1cccc1c1nc2cccc2[nH]1	2220
3408	L19	23275178	Potassium and Calcium Channel Antagonist	COc1cc(ccc1OC)C(=O)N1CCN(CC1)Cc1cccc2nc([nH]c12)C(=O)N(C)c1cccc1	3504
3408	L21	28434832	Sodium Channel Blocker		2241
3408	M03	50906392	Potassium Channel Activator	O=C1CCC2=C1C(c1ccc3nnc3c1)C1=C(CCC1=O)N2	2226
3408	M04	92902376	Sodium channel Inhibitor	Brc1ccc(nc1)NC(=O)c1cc2nc(cc(n2n1)C(F)F)C1cccc1	2218
3408	M05	92555043	Calcium Channel Blocker	COc1ccc2SCCN(Cc2c1)C(=O)CCN1CCC(CC1)Cc1cccc1	3501
3408	M06	95065032	Sodium Channel Blocker	CCOC(=O)c1cnc(nc1N1CC=CC1)c1cccc1	2213
3408	M07	58312375	Sodium Channel Blocker	O=C1Cc2cccc2N(C(=O)N)c2cccc12	3504
3408	M08	61368122	Potassium Channel Activator	OCC1=CC[C@@H]2[C@@H](O)[C@@H](O)[C@@H]2CC1	3503
3408	M09	42245506	Calcium Channel Blocker	COc1ccc2c(ncn2c2cccc(c2)c2cccc2)c1	2213
3408	M10	59568103	Sodium channel Inhibitor	Nc1nc(C)c(c(n1)c1c1)cccc1C1	3514
3408	M11	35110151	Sodium and Calcium Channel Blocker	CN(C)CCN(C)c1nc(nc2cccc12)c1c(F)cccc1F	3507
3408	M12	46660071	Potassium Channel Modulator	O=C(NC1ccc(C)cc1)N1cc1cc(c1)C(F)F)C(F)F	2225
3408	M13	85152695	Potassium Channel Blocker	COc1ccc(cc1)C=C1CCc2ncc(C)cc2C1=O	2226
3408	M14	64748493	Sodium and Calcium channel blocker,	Fc1ccc2(nH)c(nc2c1)C1CCCN(C1)C(=O)COc1ccc(C)cc1C1	2226
3408	M15	92936119	Calcium Channel Blocker N-Type and T-Type	NC(C)CCN1=C(Nc2cccc2)C(C(=O)OC)N1c1ccc(cc1)c1cccc1	2213
3408	M16	46036148	Potassium Channel Blocker	NC(=O)C1CCN(C1)c1nc(nc2cccc12)N1CC(C)C1)CNc1nc(nc2cccc12)N1CCCC1	2213
3408	M17	46303575	Potassium Channel Inhibitor	CN(C)c1nc(NC2cccc2)c2c(occ2c2cccc2)n1	2225
3408	M18	35799467	Potassium Channel Activator	O=CC[C@@H]1CCCC[C@@H]1(C(=S)NC)c1cccc1	2213
3408	M19	57593686	Calcium Channel Blocker T-Type and L-Type	CCCCCCCCCCCCC1ccc(OC)c1C1C(=C(C)NC(=C1C(=O)OC(C)C)C(=O)OCC	2220
3408	M20	20519477	Sodium channel Inhibitor	Brc1ccc(nc1)NC(=O)c1cc2nc(cc(n2n1)C(F)F)C1cccc1	2218
3408	M21	19066772	Potassium Channel Activator	CN(C)C1=C(Nc2cccc2)C(=O)C1=O	3505
3408	M22	83620408	Sodium Channel Blocker	C1c1cccc1n1nc([nH]c1=O)c1cccc1	2216
3408	N03	44039689	Sodium Channel Blocker	CC(C)CN1CC2CN(CC(C1)C12CCCCC1)C(C)C	3501
3408	N04	27010162	Potassium Channel Blocker	COc1ccc(cc1)C=C1CCc2ncc(C)cc2C1=O	3232
3408	N05	53088688	Sodium channel Closer	C1c1ccc(cc1C1)C1(C)CCN([C@H](CN2CCCC2)c2cccc2)C1=O	2202
3408	N07	32041360	Calcium Channel Inhibitor	O=C(Nc1ccc(cc1)n1nc(cc1C(F)F)C(F)F)C1ccc2nnc2c1	3505
3408	N09	91732132	Potassium Channel Modulator	C1c1ccc(cc1)NC(=O)c1ccc(C)cc1C(F)F	2218
3408	N11	62446674	Calcium Channel Blocker	O=C(Nc1ccc(cc1)n1nc(cc1C(F)F)C(F)F)C1cccc1	2218
3408	N13	92410391	Potassium Channel Blocker		2202
3408	N15	80042251	Calcium Channel Inhibitor	O=C(Nc1ccc(cc1)n1nc(cc1C(F)F)C(F)F)C1ccc2nnc2c1	3504
3408	N17	70908683	Sodium Channel Blocker	CC(C)Oc1ccc(cc1)N(C)CC1(O)CCN(CC2CCCC2)CC1	3224
3408	N19	51993560	Calcium Channel Blocker	NCCCC1CCc2cccc12	3224
3408	N21	18926414	Potassium Channel Activator	[O-][n+1cccc1C1=NC(C)C)Oc2cc(C)c(Br)cc12	3506
3408	O03	31866053	Potassium Channel Opener	C1c1cccc1N1CCN(CC1)CCn1cnc2c1c(=O)n(C)c(=O)n2C	3504
3408	O04	45104105	Calcium Channel Blocker	COc(=O)C1=C(C)NC(=C(C(=O)OC2C(C)CC2C(C)C)C1c1cccc(C)cc1)C	2226
3408	O05	54910976	Calcium Channel Inhibitor	O=C(Nc1ccc(cc1)n1nc(cc1C(F)F)C(F)F)C1ccc2nnc2c1	3505
3408	O06	97898678	Potassium Channel Activator	CC(=O)OC1=C(N2CCCCC2=O)c2sccc2OC1(C)C	3509
3408	O07	37825505	Sodium and Calcium channel blocker	CN(C)c1nc(ncc1c1nc(n1)C(C)C)c1cccc1	2213
3408	O08	16964189	Calcium Channel Inhibitor	CCCCCCCCCCCCC(OC(=O)C)C1=CC(=O)OC1	2202
3408	O09	64167558	Potassium Channel Activator	CNC(=S)C(C)C(=O)c1cccc1n1cccc1	2240
3408	O10	28350425	Sodium Channel Blocker	CCOC(=O)c1cnc(nc1N1CCCCC1)c1cccc1OC	3232
3408	O11	58503919	Potassium Channel Activator	COc(=O)c1ccc(=O)n(CCNC(=O)c2nccn2)c1	3505
3408	O12	82829402	Sodium Channel Blocker	Nc1nc2ccc(cc2s1)OC(F)F	3507
3408	O13	38308867	Calcium Channel Antagonist N-Type	Nc1nc(Nc2ccc3nc(C)cc(N)c3c2)cc(n1)c1cccc1F	3514
3408	O14	65013293	Potassium Channel Activator	CN(C)C1=C(Nc2cccc2)C(=O)C1=O	3505
3408	O15	93350433	Potassium Channel Blocker	COc1cc(ccc1OC)C1CCN(CC1)C[C@H]1CCOC2CCCC12	3507
3408	O16	17766914	Sodium Channel Blocker	NC(=O)c1nnn(Cc2c(F)cccc2F)c1	3505
3408	O17	58216825	Sodium Channel Antagonist	CN(C)CCOC1CCCC1c1onc(n1)c1cccc1	3509
3408	O18	64249768	Sodium Channel Blocker		2202
3408	O19	14944747	Calcium Channel Activator	COc(=O)c1c(C)[nH]c(C)c1C(=O)c1cccc1Cc1cccc1	3504
3408	O20	74010980	Sodium Channel Blocker	Brc1ccc(cc1)c1nc2c(C)c(nc2c1)C(F)F)C(=O)Nc1ccc(C)cn1	3507
3408	O21	43107271	Sodium Channel Blocker	CCOC(=O)c1cnc(nc1N1CCCCC1)c1cccc1OC	3232
3408	O22	76462061	Calcium Channel Antagonist N-Type	O=C(NC1CCN(CC1)Cc1cccc1)[C@H](C)SCC1CCCC1)NC(=O)[C@@H]1CSCN1C(=O)OC(C)C	2225
3408	P03	34360417	Potassium Channel Activator	O=C1CCCN1C1c2sccc2OC(C)C1O	3507
3408	P04	87152623	Sodium Channel Blocker	CC(C)CN1CC2CN(CC(C1)C12CCCCC1)C(C)C	3501
3408	P05	80925125	Potassium Channel Activator	CCOC1=NC(=O)C2(N1)CC(C)C)OC1cccc21	2220
3408	P07	25204322	Sodium channel Inhibitor	Nc1cnc(c(N)n1)c1cc(C)cc(C)c1C1	3514
3408	P09	91457095	Potassium Channel Modulator	CC(N)CC(=O)C(C)C)c1ccc(F)cc1	2202
3408	P11	95398559	Potassium Channel Inhibitor	CN(C)c1nc(NC2cccc2)c2c(occ2c2cccc2)n1	2213
3408	P13	99386580	Sodium and Calcium Channel Blocker	C1c1ccc2nc(nc(N3CCCC3)c2c1)c1cccc1F	2202
3408	P15	74253821	Potassium Channel Activator	CC(=O)OC1=C(N2CCCCC2=O)c2sccc2OC1(C)C	2202
3408	P17	57619305	Potassium Channel Activator	O=c1cccc1C1=C(CNC(=O)C(F)F)C(C)C)OC2ccc(cc12)C(F)F	2218
3408	P19	38725958	Sodium Channel Blocker	NC(=O)c1cccc(n1)c1cccc(n1)c1cccc(OC(F)F)F	2218
3408	P21	36427309	Calcium Channel modulator	COc(=O)C1=C(C)CC(=C(C(=O)OC)C1ccc(C)cc1)C(F)F)C	3504