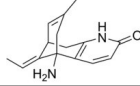
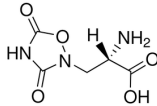
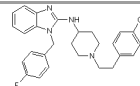
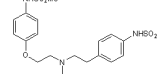
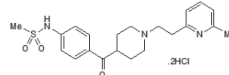
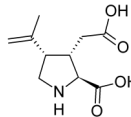
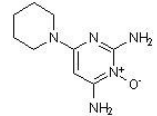
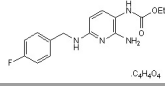
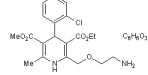
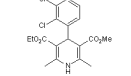
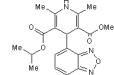
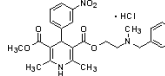


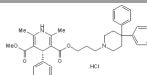
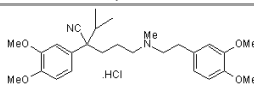


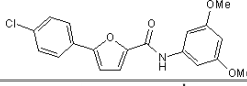
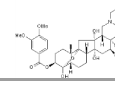
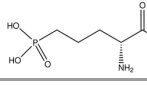
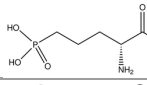
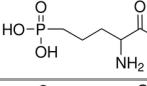
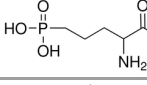
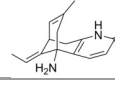

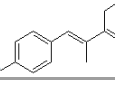
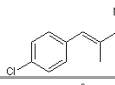
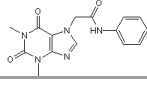
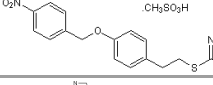

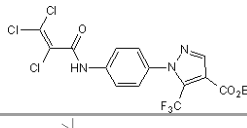
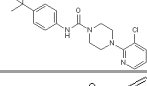
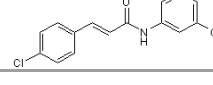
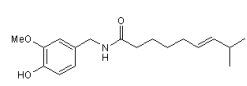
# Ion Channels

## Small Molecules

Type	Description	Structure	Catalog No.	Size
ACHE Inhibitor	<b>Huperzine A</b>   C <sub>15</sub> H <sub>18</sub> N <sub>2</sub> O CAS#: 102518-79-6		SIH-365	1mg 5mg
AMPA Receptor Agonist	<b>Quisqualic Acid</b>   C <sub>5</sub> H <sub>7</sub> N <sub>3</sub> O <sub>5</sub> CAS#: 52809-07-1		SIH-418	10mg 50mg
hERG Channel Blockers	<b>Astemizole</b>   C <sub>28</sub> H <sub>31</sub> FN <sub>4</sub> O CAS#: 68844-77-9		SIH-302	10mg 50mg
	<b>Dofetilide</b>   C <sub>19</sub> H <sub>27</sub> N <sub>3</sub> O <sub>5</sub> S <sub>2</sub> CAS#: 115256-11-6		SIH-311	10mg 50mg
	<b>E-4031</b>   C <sub>21</sub> H <sub>27</sub> N <sub>3</sub> O <sub>3</sub> S · 2HCl CAS#: 113559-13-0		SIH-317	10mg 50mg
Kainate Receptor Agonist	<b>Kainic acid</b>   C <sub>10</sub> H <sub>15</sub> NO <sub>4</sub> (·H <sub>2</sub> O) CAS#: 487-79-6		SIH-364	10mg 50mg
KATP Channel Activator	<b>Minoxidil</b>   C <sub>9</sub> H <sub>15</sub> N <sub>5</sub> O CAS#: 38304-91-5		SIH-318	100mg 500mg
Kv7 Channel Activator	<b>Flupirtine maleate</b>   C <sub>15</sub> H <sub>17</sub> FN <sub>4</sub> O <sub>2</sub> · C <sub>4</sub> H <sub>4</sub> O <sub>4</sub> CAS#: 75507-68-5		SIH-376	10mg 50mg
L-type Ca <sup>2+</sup> Channel Blockers	<b>Amlodipine</b>   C <sub>20</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>5</sub> · C <sub>6</sub> H <sub>6</sub> O <sub>3</sub> S CAS#: 111470-99-6		SIH-315	50mg 250mg
	<b>Felodipine</b>   C <sub>18</sub> H <sub>19</sub> Cl <sub>2</sub> NO <sub>4</sub> CAS#: 72509-76-3		SIH-323	10mg 50mg
	<b>Isradipine</b>   C <sub>19</sub> H <sub>21</sub> N <sub>3</sub> O <sub>5</sub> CAS#: 75695-93-1		SIH-314	10mg 50mg
	<b>Nicardipine HCl</b>   C <sub>26</sub> H <sub>29</sub> N <sub>3</sub> O <sub>6</sub> · HCl CAS#: 54527-84-3		SIH-313	50mg 250mg
	<b>Nifedipine</b>   C <sub>17</sub> H <sub>18</sub> N <sub>2</sub> O <sub>6</sub> CAS#: 21829-25-4		SIH-309	1g 5g
	<b>Nitrendipine</b>   C <sub>18</sub> H <sub>20</sub> N <sub>2</sub> O <sub>6</sub> CAS#: 39562-70-4		SIH-320	50mg 250mg
	<b>R-Niguldipine HCl</b>   C <sub>36</sub> H <sub>39</sub> N <sub>3</sub> O <sub>6</sub> · HCl CAS#: 113145-70-3		SIH-319	10mg 50mg
	<b>Verapamil HCl</b>   C <sub>27</sub> H <sub>38</sub> N <sub>2</sub> O <sub>4</sub> · HCl CAS#: 152-11-4		SIH-308	1g 5g

# Ion Channels

## Small Molecules

Type	Description	Structure	Catalog No.	Size
<i>Na<sup>+</sup> Channel Modulators</i>	<b>A-803467</b>   C <sub>19</sub> H <sub>16</sub> ClNO <sub>4</sub> CAS#: 944261-79-4		SIH-304	10mg 50mg
	<b>Veratridine</b>   C <sub>36</sub> H <sub>51</sub> NO <sub>11</sub> CAS#: 71-62-5		SIH-300	10mg 50mg
<i>NMDA Receptor Antagonists</i>	<b>D-AP5</b>   C <sub>5</sub> H <sub>12</sub> NO <sub>5</sub> P CAS#: 79055-68-8		SIH-411	5mg 25mg
	<b>D-AP5.Na</b>   C <sub>5</sub> H <sub>12</sub> NO <sub>5</sub> P·Na CAS#: 14375-45-2		SIH-412	5mg 25mg
	<b>D-LAP5</b>   C <sub>5</sub> H <sub>12</sub> NO <sub>5</sub> P CAS#: 76326-31-3		SIH-413	10mg 50mg
	<b>D-LAP5.Na</b>   C <sub>5</sub> H <sub>12</sub> NO <sub>5</sub> P·Na CAS#: 1303993-72-7		SIH-414	10mg 50mg
	<b>Huperzine A</b>   C <sub>15</sub> H <sub>18</sub> N <sub>2</sub> O CAS#: 102518-79-6		SIH-365	1mg 5mg
<i>TRP Channel Blocker</i>	<b>2-APB</b>   C <sub>14</sub> H <sub>16</sub> BNO CAS#: 524-95-8		SIH-316	50mg 250mg
<i>TRPA1 Channel Blockers</i>	<b>A-967079</b>   C <sub>12</sub> H <sub>14</sub> FNO CAS#: 1170613-55-4		SIH-301	10mg 50mg
	<b>AP-18</b>   C <sub>11</sub> H <sub>12</sub> ClNO CAS#: 55224-94-7		SIH-310	10mg 50mg
	<b>HC-030031</b>   C <sub>18</sub> H <sub>21</sub> N <sub>5</sub> O <sub>3</sub> CAS#: 349085-38-7		SIH-303	10mg 50mg
<i>TRPC Channel Blockers</i>	<b>KB-R7943 mesylate</b>   C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>3</sub> S·CH <sub>3</sub> SO <sub>3</sub> H CAS#: 182004-65-5		SIH-312	10mg 50mg
	<b>SKF-96365</b>   C <sub>22</sub> H <sub>26</sub> N <sub>2</sub> O <sub>3</sub> ·HCl CAS#: 130495-35-1		SIH-305	5mg 25mg
<i>TRPC3 Channel Blocker</i>	<b>Pyr3</b>   C <sub>16</sub> H <sub>11</sub> Cl <sub>3</sub> F <sub>3</sub> N <sub>3</sub> O <sub>3</sub> CAS#: 1160514-60-2		SIH-306	10mg 50mg
<i>TRPV1 Channel Blockers</i>	<b>BCTC</b>   C <sub>20</sub> H <sub>25</sub> ClN <sub>4</sub> O CAS#: 393514-24-4		SIH-307	10mg 50mg
	<b>SB-366791</b>   C <sub>16</sub> H <sub>14</sub> ClNO <sub>2</sub> CAS#: 472981-92-3		SIH-321	10mg 50mg
<i>TRPV1 Channel Activator</i>	<b>Capsaicin</b>   C <sub>18</sub> H <sub>27</sub> NO <sub>3</sub> CAS#: 404-86-4		SIH-322	200mg 1g