

# Apoptosis



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## Apoptosis Inhibitors and Inducers

Description	CAS No.	Formula	Catalog No.	Size
<b>Aclacinomycin A</b>   <i>Proteasome inhibitor</i>	57576-44-0	C <sub>42</sub> H <sub>53</sub> N <sub>0</sub> O <sub>15</sub>	SIH-335	5mg
<b>Actinomycin D</b>   <i>Transcription inhibitor</i>	50-76-0	C <sub>62</sub> H <sub>86</sub> N <sub>12</sub> O <sub>16</sub>	SIH-245	10mg 50mg
<b>Amifostine</b>   <i>Cellular protectant</i>	20537-88-6	C <sub>5</sub> H <sub>15</sub> N <sub>2</sub> O <sub>3</sub> PS	SIH-210	10mg 50mg
<b>Andrographolide</b>   <i>Induces mitochondrial -mediated apoptosis</i>	5508-58-7	C <sub>20</sub> H <sub>30</sub> O <sub>5</sub>	SIH-220	100mg 500mg
<b>Anisomycin</b>   <i>Anoikis sensitizer</i>	22862-76-6	C <sub>14</sub> H <sub>19</sub> NO <sub>4</sub>	SIH-266	10mg 50mg
<b>Antibiotic A-23187</b>   <i>Ca<sup>2+</sup> ionophore</i>	52665-69-7	C <sub>29</sub> H <sub>37</sub> N <sub>3</sub> O <sub>6</sub>	SIH-227	10mg 50mg
<b>Apigenin</b>   <i>Protein kinase inhibitor</i>	520-36-5	C <sub>15</sub> H <sub>10</sub> O <sub>5</sub>	SIH-249	10mg 50mg
<b>b-AP15 (NSC-687852)</b>   <i>DUB inhibitor</i>	1009817-63-3	C <sub>22</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub>	SIH-339	5mg 25mg
<b>Betulinic Acid</b>   <i>Induces mitochondrial pore opening</i>	472-15-1	C <sub>30</sub> H <sub>48</sub> O <sub>3</sub>	SIH-221	10mg 50mg
<b>Bortezomib</b>   <i>Proteasome inhibitor</i>	179324-69-7	C <sub>19</sub> H <sub>25</sub> BN <sub>4</sub> O <sub>4</sub>	SIH-328	5mg 25mg
<b>Brefeldin A</b>   <i>Inhibits intracellular transport</i>	20350-15-6	C <sub>16</sub> H <sub>24</sub> O <sub>4</sub>	SIH-225	5mg 25mg
<b>C2 Ceramide</b>   <i>Cell permeable ceramide analog</i>	3102-57-6	C <sub>20</sub> H <sub>39</sub> NO <sub>3</sub>	SIH-232	10mg 50mg
<b>Camptothecin</b>   <i>Topoisomerase I inhibitor</i>	7689-03-4	C <sub>20</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub>	SIH-242	100mg 1g
<b>CAPE</b>   <i>Inhibits NFκB activation</i>	104594-70-9	C <sub>17</sub> H <sub>16</sub> O <sub>4</sub>	SIH-263	50mg 250mg
<b>Carnosic acid</b>   <i>REDOX &amp; GSH induction</i>	3650-09-7	C <sub>20</sub> H <sub>28</sub> O <sub>4</sub>	SIH-362	10mg 50mg
<b>Celastrol</b>   <i>Proteasome inhibitor</i>	34157-83-0	C <sub>29</sub> H <sub>38</sub> O <sub>4</sub>	SIH-333	10mg 50mg
<b>Cycloheximide</b>   <i>Translation inhibitor</i>	66-81-9	C <sub>15</sub> H <sub>23</sub> NO <sub>4</sub>	SIH-247	1g 5g
<b>Cyclopamine</b>   <i>Inhibits hedgehog signaling</i>	4449-51-8	C <sub>27</sub> H <sub>41</sub> NO <sub>2</sub>	SIH-226	1mg 5mg
<b>Cyclosporine</b>   <i>Inhibits mitochondrial pore opening</i>	59865-13-3	C <sub>62</sub> H <sub>111</sub> N <sub>11</sub> O <sub>12</sub>	SIH-201	10mg 50mg
<b>Cytochalasin D</b>   <i>Disrupts actin filaments</i>	22144-77-0	C <sub>30</sub> H <sub>37</sub> NO <sub>6</sub>	SIH-241	1mg 5mg

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Description	CAS No.	Formula	Catalog No.	Size
<b>DBeQ</b>   <i>p97 inhibitor</i>	N/A	C <sub>22</sub> H <sub>20</sub> N <sub>4</sub>	SIH-334	5mg 25mg
<b>Deguelin</b>   <i>Akt inhibitor</i>	522-17-8	C <sub>23</sub> H <sub>22</sub> O <sub>6</sub>	SIH-251	10mg 50mg
<b>Deprenyl</b>   <i>GAPDH inhibitor</i>	14611-52-0	C <sub>13</sub> H <sub>17</sub> N.HCl	SIH-209	100mg 1g
<b>Dexamethasone</b>   <i>Apoptosis inducing glucocorticoid</i>	50-02-2	C <sub>22</sub> H <sub>29</sub> FO <sub>5</sub>	SIH-259	1g 5g
<b>Difluoromethylornithine</b>   <i>Inhibits polyamine biosynthesis</i>	70052-12-9	C <sub>6</sub> H <sub>12</sub> F <sub>2</sub> N <sub>2</sub> O <sub>2</sub> * HCl	SIH-200	10mg 50mg
<b>Docetaxel</b>   <i>Microtubule stabilizing agent</i>	114977-28-5	C <sub>43</sub> H <sub>53</sub> NO <sub>14</sub>	SIH-240	10mg 50mg
<b>Ebselen</b>   <i>Glutathione peroxidase mimic</i>	60940-34-3	C <sub>13</sub> H <sub>9</sub> NOSe	SIH-204	10mg 50mg
<b>Epothilone B</b>   <i>Microtubule stabilizing agent</i>	152044-54-7	C <sub>27</sub> H <sub>41</sub> NO <sub>6</sub> S	SIH-238	1mg 5mg
<b>Etoposide</b>   <i>Topoisomerase II inhibitor</i>	33419-42-0	C <sub>29</sub> H <sub>32</sub> O <sub>13</sub>	SIH-244	100mg 500mg
<b>FCCP</b>   <i>Inhibits mitochondrial oxidative phosphorylation</i>	370-86-5	C <sub>10</sub> H <sub>5</sub> F <sub>3</sub> N <sub>4</sub> O	SIH-222	10mg 50mg
<b>FK506</b>   <i>FKBP inhibitor</i>	109581-93-3	C <sub>44</sub> H <sub>69</sub> NO <sub>12</sub>	SIH-214	10mg 50mg
<b>Forskolin</b>   <i>Adenylate cyclase activator</i>	66575-29-9	C <sub>22</sub> H <sub>34</sub> O <sub>7</sub>	SIH-208	10mg 50mg
<b>Fumonisin B1</b>   <i>Blocks sphingolipid biosynthesis</i>	116355-83-0	C <sub>34</sub> H <sub>59</sub> NO <sub>15</sub>	SIH-234	1mg 5mg
<b>Hypericin</b>   <i>Protein kinase C inhibitor</i>	548-04-9	C <sub>30</sub> H <sub>16</sub> O <sub>8</sub>	SIH-250	1mg 10mg
<b>Ionomycin</b>   <i>Ca<sup>2+</sup> ionophore</i>	56092-81-0	C <sub>41</sub> H <sub>72</sub> O <sub>9</sub>	SIH-228	1mg 5mg
<b>Irinotecan HCl</b>   <i>Topoisomerase I inhibitor</i>	100286-90-6	C <sub>33</sub> H <sub>38</sub> N <sub>4</sub> O <sub>6</sub> *HCl	SIH-243	50mg 250mg
<b>IU1</b>   <i>Usp-14 inhibitor</i>	314245-33-5	C <sub>18</sub> H <sub>21</sub> FN <sub>2</sub> O	SIH-329	10mg 50mg
<b>Lactacystin</b>   <i>Proteasome inhibitor</i>	133343-34-7	C <sub>15</sub> H <sub>24</sub> N <sub>2</sub> O <sub>7</sub>	SIH-327	200µg 1mg
<b>LDN-57444</b>   <i>DUB inhibitor</i>	668467-91-2	C <sub>17</sub> H <sub>11</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>3</sub>	SIH-332	10mg 50mg
<b>Lovastatin</b>   <i>HMG-CoA reductase inhibitor</i>	75330-75-5	C <sub>24</sub> H <sub>36</sub> O <sub>5</sub>	SIH-256	10mg 50mg

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<b>LY 294002</b>   <i>PI 3-Kinase inhibitor</i>	154447-36-6	$C_{19}H_{17}NO_3 \cdot HCl$	SIH-252	5mg 25mg
<b>MDBN</b>   <i>p97 inhibitor</i>	1485-00-3	$C_9H_7NO_4$	SIH-342	100mg
<b>Mifepristone (RU486)</b>   <i>Glucocorticoid antagonist</i>	84371-65-3	$C_{29}H_{35}NO_2$	SIH-211	100mg 500mg
<b>Mitomycin C</b>   <i>DNA crosslinking and damaging agent</i>	50-07-7	$C_{15}H_{18}N_4O_5$	SIH-246	10mg 50mg
<b>MLN4924</b>   <i>Nedd8 activating enzyme inhibitor</i>	905579-51-3	$C_{21}H_{25}N_5O_4S$	SIH-331	200µg 1mg
<b>Myriocin (ISP-1)</b>   <i>Blocks sphingolipid biosynthesis</i>	35891-70-4	$C_{21}H_{39}NO_6$	SIH-233	5mg 25mg
<b>N,N-Dimethylsphingosine</b>   <i>Inhibits sphingosine kinase</i>	119567-63-4	$C_{20}H_{41}NO_2$	SIH-235	5mg 25mg
<b>Necrostatin</b>   <i>Inhibits necroptosis</i>	4311-88-0	$C_{13}H_{13}N_3OS$	SIH-213	10mg 50mg
<b>Nigericin</b>   <i>Induces rapid intracellular acidification</i>	28643-80-3	$C_{40}H_{67}NaO_{11}$	SIH-229	10mg 50mg
<b>Nocodazole</b>   <i>Microtubule inhibitor</i>	31430-18-9	$C_{14}H_{11}N_3O_3S$	SIH-367	10mg 50mg
<b>NSC-66811</b>   <i>p53/mdm2 inhibitor</i>	6964-62-1	$C_{23}H_{20}N_{20}$	SIH-338	10mg 50mg
<b>Nutlin-3</b>   <i>p53/mdm2 inhibitor</i>	548472-68-0	$C_{30}H_{30}Cl_2N_4O_4$	SIH-344	5mg 25mg
<b>Phenylbutyrate Na</b>   <i>Histone deacetylase inhibitor</i>	1716-12-7	$C_{10}H_{11}NaO_2$	SIH-255	100mg 500mg
<b>PJ-34</b>   <i>PARP inhibitor</i>	344458-15-7	$C_{17}H_{17}N_3O_2 \cdot HCl \cdot H_2O$	SIH-366	10mg 50mg
<b>PK-11195</b>   <i>Mitochondrial benzodiazepine receptor ligand</i>	85532-75-8	$C_{21}H_{21}ClN_2O$	SIH-224	5mg 25mg
<b>Puromycin HCl</b>   <i>Translation inhibitor</i>	58-58-2	$C_{22}H_{29}N_7O_5 \cdot 2HCl$	SIH-248	50mg 250mg
<b>Pyr41</b>   <i>E1 UAE inhibitor</i>	418805-02-4	$C_{17}H_{13}N_3O_7$	SIH-330	5mg 25mg
<b>R(-)-Gossypol</b>   <i>Bcl-2 inhibitor</i>	303-45-7	$C_{30}H_{30}O_8$	SIH-223	10mg 50mg
<b>Rapamycin</b>   <i>mTOR inhibitor</i>	53123-88-9	$C_{51}H_{79}NO_{13}$	SIH-212	5mg 25mg
<b>Resveratrol</b>   <i>Antioxidant</i>	501-36-0	$C_{14}H_{12}O_3$	SIH-264	100mg 500mg
<b>Retinoic acid</b>   <i>Retinoid RAR agonist</i>	302-79-4	$C_{20}H_{28}O_2$	SIH-258	50mg 250mg

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<b>Simvastatin</b>   <i>HMG-CoA reductase inhibitor</i>	79902-63-9	C <sub>25</sub> H <sub>38</sub> O <sub>5</sub>	SIH-257	50mg 250mg
<b>SL-01</b>   <i>p53/mdm2 inhibitor</i>	26049-94-5	C <sub>18</sub> H <sub>18</sub> ClNO <sub>3</sub>	SIH-343	50mg
<b>SMER3</b>   <i>E3 UB ligase inhibitor</i>	67200-34-4	C <sub>11</sub> H <sub>4</sub> N <sub>4</sub> O <sub>2</sub>	SIH-341	10mg 50mg
<b>SP600125</b>   <i>Jnk inhibitor</i>	129-56-6	C <sub>14</sub> H <sub>8</sub> N <sub>2</sub> O	SIH-381	10mg 50mg
<b>Sphingosine</b>   <i>Protein Kinase C inhibitor</i>	123-78-4	C <sub>18</sub> H <sub>37</sub> NO <sub>2</sub>	SIH-202	25mg 100mg
<b>Staurosporine</b>   <i>Protein kinase inhibitor</i>	62996-74-1	C <sub>28</sub> H <sub>26</sub> N <sub>4</sub> O <sub>3</sub>	SIH-253	250µg 1mg
<b>Sulindac Sulfide</b>   <i>NFκB inhibitor</i>	32004-67-4	C <sub>20</sub> H <sub>17</sub> FO <sub>2</sub> S	SIH-261	10mg 50mg
<b>Sulindac Sulfone</b>   <i>Modulates beta-catenin-mediated effects</i>	59864-04-9	C <sub>20</sub> H <sub>17</sub> FO <sub>4</sub> S	SIH-262	10mg 50mg
<b>Taxol</b>   <i>Microtubule stabilizing agent</i>	33069-62-6	C <sub>47</sub> H <sub>51</sub> NO <sub>14</sub>	SIH-239	10mg 50mg
<b>TCID</b>   <i>DUB inhibitor</i>	30675-13-9	C <sub>9</sub> H <sub>2</sub> Cl <sub>4</sub> O <sub>2</sub>	SIH-340	10mg 50mg
<b>Temozolomide</b>   <i>DNA alkylator/apoptosis inducer</i>	85622-93-1	C <sub>6</sub> H <sub>6</sub> N <sub>6</sub> O <sub>2</sub>	SIH-363	25mg 100mg
<b>Thalidomide</b>   <i>E3 UB ligase inhibitor</i>	50-35-1	C <sub>13</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub>	SIH-336	100mg 500mg
<b>TPCK</b>   <i>Serine protease inhibitor</i>	402-71-1	C <sub>17</sub> H <sub>18</sub> Cl <sub>3</sub> O <sub>3</sub> S	SIH-207	500mg
<b>TPEN</b>   <i>Intracellular Zn<sup>2+</sup> chelator</i>	16858-02-9	C <sub>26</sub> H <sub>28</sub> N <sub>6</sub>	SIH-231	100mg 500mg
<b>Triacsin C</b>   <i>Fatty acyl-CoA synthase inhibitor</i>	76896-80-5	C <sub>11</sub> H <sub>17</sub> N <sub>3</sub> O	SIH-203	100µg 1mg
<b>Trichostatin A</b>   <i>Histone deacetylase inhibitor</i>	58880-19-6	C <sub>17</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub>	SIH-254	1mg 5mg
<b>Troglitazone</b>   <i>PPARγ agonist</i>	97322-87-7	C <sub>24</sub> H <sub>27</sub> NO <sub>5</sub> S	SIH-260	10mg 50mg
<b>U-74389G</b>   <i>Free radical scavenger</i>	153190-29-5	C <sub>37</sub> H <sub>50</sub> N <sub>6</sub> O <sub>2</sub> * C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>	SIH-205	100mg 500mg
<b>Valinomycin</b>   <i>Induces loss of mitochondrial potential</i>	2001-95-8	C <sub>54</sub> H <sub>90</sub> N <sub>6</sub> O <sub>18</sub>	SIH-230	10mg 50mg
<b>WP-1130</b>   <i>DUB inhibitor</i>	856243-80-6	C <sub>19</sub> H <sub>18</sub> BrN <sub>3</sub> O	SIH-337	5mg 25mg
<b>Z-Asp-CH2-DCB</b>   <i>Caspase inhibitor</i>	153088-73-4	C <sub>20</sub> H <sub>17</sub> Cl <sub>2</sub> NO <sub>7</sub>	SIH-206	10mg 50mg
<b>Zerumbone</b>   <i>Enhances apoptotic effect of TRAIL</i>	471-05-6	C <sub>15</sub> H <sub>22</sub> O	SIH-265	10mg 50mg

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