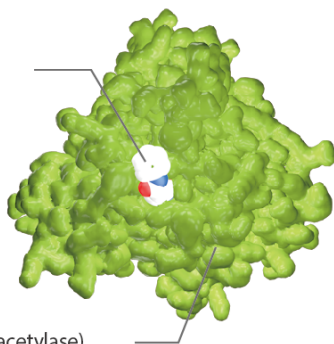


# MDM-2/p53

HDAC Inhibitor:  
Vorinostat (SAHA)




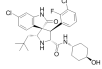

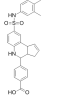

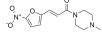

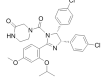

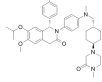
HDAC (Histone deacetylase)

The p53 tumor suppressor is a principal mediator of growth arrest, senescence, and apoptosis in response to a broad array of cellular damage. p53 is a short-lived protein that is maintained at low, often undetectable, levels in normal cells. Under stress conditions, the p53 protein accumulates in the cell, binds in its tetrameric form to p53-response elements and induces the transcription of various genes.

MDM-2 is transcriptionally activated by p53 and MDM-2, in turn, inhibits p53 activity in several ways. MDM-2 binds to the p53 transactivation domain and thereby inhibits p53-mediated transactivation. MDM-2 also contains a signal sequence that is similar to the nuclear export signal of various viral proteins and, after binding to p53, it induces its nuclear export. As p53 is a transcription factor, it needs to be in the nucleus to be able to access the DNA; its transport to the cytoplasm by MDM-2 prevents this. Finally, MDM-2 is a ubiquitin ligase, so is able to target p53 for degradation by the proteasome. In many tumors p53 is inactivated by the overexpression of the negative regulators MDM2 and MDM4 or by the loss of activity of the MDM2 inhibitor ARF. The pathway can be reactivated in these tumors by small molecules that inhibit the interaction of MDM2 and/or MDM4 with p53. Such molecules are now in clinical trials.


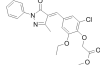

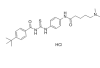

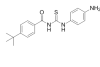

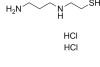
## MDM-2/p53 Inhibitors & Modulators

<p><b>ALRN-6924</b></p> <p style="text-align: right;">Cat. No.: HY-112283</p>	<p><b>AM-8735</b></p> <p style="text-align: right;">Cat. No.: HY-12734</p>
<p><b>Bioactivity:</b> ALRN-6924 is a stapled peptide that blocks interactions between <b>p53</b> and both <b>MDM2</b> and <b>MDMX</b>. ALRN-6924 induces a complete remission in angioimmunoblastic T-cell lymphoma (AITL) [1].</p> <p><b>Purity:</b> &gt;98%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b></p>	<p><b>Bioactivity:</b> AM-8735 is a potent and selective <b>MDM2</b> inhibitor with an <b>IC<sub>50</sub></b> of 25 nM.</p> <p><b>Purity:</b> &gt;98%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 250 mg, 500 mg</p> 
<p><b>AMG 232</b></p> <p style="text-align: right;">Cat. No.: HY-12296</p>	<p><b>BH3I-1</b></p> <p style="text-align: right;">Cat. No.: HY-100383</p>
<p><b>Bioactivity:</b> AMG 232 is a potent, selective and orally available inhibitor of <b>p53-MDM2</b> interaction, with an <b>IC<sub>50</sub></b> of 0.6 nM. AMG 232 binds to MDM2 with a <b>K<sub>d</sub></b> of 0.045 nM.</p> <p><b>Purity:</b> 99.73%</p> <p><b>Clinical Data:</b> Phase 2</p> <p><b>Size:</b> 5 mg, 10 mg, 50 mg, 100 mg</p> 	<p><b>Bioactivity:</b> BH3I-1 is a <b>Bcl-2 family</b> antagonist, which inhibits the binding of the <b>Bak</b> BH3 peptide to <b>Bcl-xL</b> with a <b>K<sub>i</sub></b> of 2.4±0.2 μM in FP assay. BH3I-1 has a <b>K<sub>d</sub></b> of 5.3 μM against the <b>p53/MDM2</b> pair.</p> <p><b>Purity:</b> 98.0%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg</p> 
<p><b>CBL0137 hydrochloride</b></p> <p>(Curaxin-137 hydrochloride; CBL-C137 hydrochloride) Cat. No.: HY-18935A</p>	<p><b>COTI-2</b></p> <p style="text-align: right;">Cat. No.: HY-19896</p>
<p><b>Bioactivity:</b> CBL0137 hydrochloride is an inhibitor of the histone chaperone, <b>FACT</b>. CBL0137 hydrochloride can also activate <b>p53</b> and inhibits <b>NF-κB</b> with <b>EC<sub>50</sub>s</b> of 0.37 and 0.47 μM, respectively.</p> <p><b>Purity:</b> 98.25%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg</p> 	<p><b>Bioactivity:</b> COTI-2 is a small molecule candidate anti-cancer drug which can convert mutant <b>p53</b> to wild-type conformation.</p> <p><b>Purity:</b> 99.40%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg</p> 
<p><b>CTX1</b></p> <p style="text-align: right;">Cat. No.: HY-U00442</p>	<p><b>DPBQ</b></p> <p style="text-align: right;">Cat. No.: HY-U00441</p>
<p><b>Bioactivity:</b> CTX1 is a novel small molecule <b>p53</b> activator.</p> <p><b>Purity:</b> 96.0%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg</p> 	<p><b>Bioactivity:</b> DPBQ is a <b>p53</b> activator.</p> <p><b>Purity:</b> &gt;98%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 5 mg, 10 mg, 25 mg</p> 
<p><b>Idasanutlin</b></p> <p>(RG7388) Cat. No.: HY-15676</p>	<p><b>Inauhzin</b></p> <p>(INZ) Cat. No.: HY-15869</p>
<p><b>Bioactivity:</b> Idasanutlin (RG7388) is a potent and selective <b>MDM2</b> antagonist, inhibiting p53-MDM2 binding, with an <b>IC<sub>50</sub></b> of 6 nM.</p> <p><b>Purity:</b> 99.97%</p> <p><b>Clinical Data:</b> Phase 3</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p> 	<p><b>Bioactivity:</b> Inauhzin is a dual <b>SirT1/IMPDH2</b> inhibitor, and acts as an activator <b>p53</b>, used in the research of cancer.</p> <p><b>Purity:</b> 98.91%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p> 

<p><b>Kevetrin hydrochloride</b> (4-Isothioureidobutyronitrile hydrochloride; ...)</p> <p>Cat. No.: HY-16271</p>	<p><b>MI-773</b></p> <p>Cat. No.: HY-17493</p>
<p><b>Bioactivity:</b> Kevetrin hydrochloride is a small molecule and activator of the tumor suppressor protein p53, with potential antineoplastic activity. Targetp53 in vitro: Kevetrin activates p53 which in turn induces the expressions of p21 and PUMA (p53 up-regulated modulator of apoptosis), thereby...</p> <p><b>Purity:</b> 98.0%</p> <p><b>Clinical Data:</b> Phase 2</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg</p> 	<p><b>Bioactivity:</b> MI-773 is a new small molecule inhibitor of the <b>MDM2-p53</b> interaction, binds to <b>MDM2</b> with high affinity (<math>K_i=0.88</math> nM) and blocks the p53-MDM2 interaction.</p> <p><b>Purity:</b> 98.0%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p> 
<p><b>Milademetan</b> (DS-3032)</p> <p>Cat. No.: HY-101266</p>	<p><b>MX69</b></p> <p>Cat. No.: HY-100892</p>
<p><b>Bioactivity:</b> Miademetan is a specific <b>MDM2</b> inhibitor, a pharmaceutical composition for use in treating acute myeloid leukemia (AML).</p> <p><b>Purity:</b> 92.0%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg</p> 	<p><b>Bioactivity:</b> MX69 is an inhibitor of <b>MDM2/XIAP</b>, used for cancer treatment.</p> <p><b>Purity:</b> 98.59%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg</p> 
<p><b>NSC319726</b> (ZMC1)</p> <p>Cat. No.: HY-18634</p>	<p><b>NSC59984</b></p> <p>Cat. No.: HY-19726</p>
<p><b>Bioactivity:</b> NSC319726 (ZMC1) is a mutant p53R175 reactivator; inhibits growth of fibroblasts expressing the p53R175 mutation (IC50 = 8 nM); shows no inhibition for p53 wild-type cells.</p> <p><b>Purity:</b> 99.39%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg</p> 	<p><b>Bioactivity:</b> NSC59984 induces mutant p53 protein degradation via MDM2 and the ubiquitin-proteasome pathway. The EC50 of NSC59984 in most cancer cells is significantly lower than those of normal cells, with EC50 of 8.38 <math>\mu</math>M for p53-null HCT116 cells. IC50 value: 8.38 <math>\mu</math>M (EC50, for p53-null HCT116 cells) Target: p53...</p> <p><b>Purity:</b> 99.76%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p> 
<p><b>Nutlin 3</b></p> <p>Cat. No.: HY-50696</p>	<p><b>Nutlin 3a</b> (Nutlin-3a chiral)</p> <p>Cat. No.: HY-10029</p>
<p><b>Bioactivity:</b> Nutlin 3 is a commercial available <b>p53-MDM2</b> inhibitor, with <math>K_i</math> of 90 nM.</p> <p><b>Purity:</b> 98.32%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p> 	<p><b>Bioactivity:</b> Nutlin 3a is an active enantiomer of Nutlin-3, acts as a murine double minute (<b>MDM2</b>) antagonist that inhibits <b>MDM2-p53</b> interactions and stabilizes the p53 protein, and thereby induces cell cycle arrest and apoptosis.</p> <p><b>Purity:</b> 98.11%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg</p> 
<p><b>Nutlin 3b</b> (Nutlin-3b)</p> <p>Cat. No.: HY-15335</p>	<p><b>NVP-CGM097</b> (CGM097)</p> <p>Cat. No.: HY-15954</p>
<p><b>Bioactivity:</b> Nutlin-3b is a <b>p53/MDM2</b> inhibitor with an <math>IC_{50}</math> of 13.6 <math>\mu</math>M. Nutlin-3b is 150 times less potent in binding to MDM2 than Nutlin-3a [1].</p> <p><b>Purity:</b> 96.32%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg</p> 	<p><b>Bioactivity:</b> NVP-CGM097 is a potent and selective <b>MDM2</b> inhibitor with <math>IC_{50}</math> of <math>1.7\pm 0.1</math> nM for <b>hMDM2</b>.</p> <p><b>Purity:</b> 98.32%</p> <p><b>Clinical Data:</b> Phase 1</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg</p> 

<p><b>NVP-CGM097 sulfate</b> (CGM097 sulfate) <span style="float: right;">Cat. No.: HY-15954B</span></p> <p><b>Bioactivity:</b> NVP-CGM097 sulfate is a potent and selective <b>MDM2</b> inhibitor with <b>IC<sub>50</sub></b> of 1.7±0.1 nM for <b>hMDM2</b>.</p> <p><b>Purity:</b> 98.83% <b>Clinical Data:</b> Phase 1 <b>Size:</b> 10mM x 1mL in Water, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg</p> 	<p><b>p53 and MDM2 proteins-interaction-inhibitor chiral</b> <span style="float: right;">Cat. No.: HY-70027</span></p> <p><b>Bioactivity:</b> p53 and MDM2 proteins-interaction-inhibitor (chiral) (Compound 32) is an inhibitor of the interaction between p53 and MDM2 proteins.</p> <p><b>Purity:</b> &gt;98% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 10 mg, 100 mg</p> 
<p><b>p53 and MDM2 proteins-interaction-inhibitor dihydrochloride</b> <span style="float: right;">Cat. No.: HY-70027A</span></p> <p><b>Bioactivity:</b> p53 and MDM2 proteins-interaction-inhibitor (2HCl) is an inhibitor of the interaction between p53 and MDM2 proteins.</p> <p><b>Purity:</b> &gt;98% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 10 mg, 100 mg</p> 	<p><b>p53 and MDM2 proteins-interaction-inhibitor racemic</b> <span style="float: right;">Cat. No.: HY-70028</span></p> <p><b>Bioactivity:</b> p53 and MDM2 proteins-interaction-inhibitor (racemic) (Compound 2j) is an inhibitor of the interaction between p53 and MDM2 proteins.</p> <p><b>Purity:</b> &gt;98% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10 mg, 100 mg</p> 
<p><b>PhiKan 083</b> <span style="float: right;">Cat. No.: HY-108637</span></p> <p><b>Bioactivity:</b> PhiKan 083 is a carbazole derivative, which binds to the surface cavity and stabilizes <b>Y220C</b> (a <b>p53</b> mutant), with a <b>K<sub>d</sub></b> of 167 μM<sup>[1]</sup>, and a relative binding affinity (<b>K<sub>d</sub></b>) of 150 μM in Ln229 cells<sup>[3]</sup>.</p> <p><b>Purity:</b> &gt;98% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg</p> 	<p><b>PhiKan 083 hydrochloride</b> <span style="float: right;">Cat. No.: HY-108637A</span></p> <p><b>Bioactivity:</b> PhiKan 083 hydrochloride is a carbazole derivative, which binds to the surface cavity and stabilizes <b>Y220C</b> (a <b>p53</b> mutant), with a <b>K<sub>d</sub></b> of 167 μM<sup>[1]</sup>, and a relative binding affinity (<b>K<sub>d</sub></b>) of 150 μM in Ln229 cells<sup>[3]</sup>.</p> <p><b>Purity:</b> 99.0% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 5 mg, 10 mg, 25 mg</p> 
<p><b>Pifithrin-α hydrobromide</b> (Pifithrin hydrobromide; PFTα hydrobromide) <span style="float: right;">Cat. No.: HY-15484</span></p> <p><b>Bioactivity:</b> Pifithrin-α hydrobromide is a <b>p53</b> inhibitor which blocks its transcriptional activity and prevents cells from apoptosis.</p> <p><b>Purity:</b> 98.28% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg</p> 	<p><b>Pifithrin-β</b> (PFT β) <span style="float: right;">Cat. No.: HY-16702</span></p> <p><b>Bioactivity:</b> Pifithrin-β is a potent <b>p53</b> inhibitor with an <b>IC<sub>50</sub></b> of 23 μM.</p> <p><b>Purity:</b> &gt;98% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 5 mg, 10 mg, 50 mg</p> 
<p><b>Pifithrin-β hydrobromide</b> (PFT β (hydrobromide)) <span style="float: right;">Cat. No.: HY-16702A</span></p> <p><b>Bioactivity:</b> Pifithrin-β is a potent <b>p53</b> inhibitor with an <b>IC<sub>50</sub></b> of 23 μM.</p> <p><b>Purity:</b> 99.90% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg</p> 	<p><b>Pifithrin-μ</b> (PFTμ; 2-Phenylethynesulfonamide) <span style="float: right;">Cat. No.: HY-10940</span></p> <p><b>Bioactivity:</b> Pifithrin-μ is an inhibitor of <b>p53</b> and <b>HSP70</b>, with antitumor and neuroprotective activity.</p> <p><b>Purity:</b> 98.31% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 10 mg</p> 

<p><b>PK11007</b></p> <p style="text-align: right;">Cat. No.: HY-U00447</p>	<p><b>PRIMA-1</b> (NSC-281668)</p> <p style="text-align: right;">Cat. No.: HY-19980A</p>
<p><b>Bioactivity:</b> PK11007 is a <b>p53</b> targeting compound, has anti-tumor activities through activation of unstable <b>p53</b>.</p> <p><b>Purity:</b> 99.74%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg</p>	<p><b>Bioactivity:</b> PRIMA-1 (NSC-281668) is a mutant <b>p53</b> reactivator, restores the sensitivity of TP53 mutant-type thyroid cancer cells to the histone methylation inhibitor 3-Deazaneplanocin A.</p> <p><b>Purity:</b> 98.0%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg, 200 mg</p>
<p><b>PRIMA-1Met</b> (APR-246)</p> <p style="text-align: right;">Cat. No.: HY-19980</p>	<p><b>Puromycin aminonucleoside</b> (NSC 3056)</p> <p style="text-align: right;">Cat. No.: HY-15695</p>
<p><b>Bioactivity:</b> PRIMA-1MET restores wild-type conformation and function to mutant <b>p53</b>, and triggers apoptosis in tumor cells. PRIMA-1MET also targets the selenoprotein thioredoxin reductase 1 (<b>TrxR1</b>), a key regulator of cellular redox balance.</p> <p><b>Purity:</b> 99.0%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in Water, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg</p>	<p><b>Bioactivity:</b> Puromycin aminonucleoside (NSC 3056) is the aminonucleoside portion of the antibiotic puromycin, and a puromycin analog which does not inhibit protein synthesis or induce apoptosis.</p> <p><b>Purity:</b> 98.31%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 500 mg, 1 g</p>
<p><b>ReAcP53</b></p> <p style="text-align: right;">Cat. No.: HY-P0121</p>	<p><b>RG7112</b> (RO5045337)</p> <p style="text-align: right;">Cat. No.: HY-10959</p>
<p><b>Bioactivity:</b> ReAcP53 could inhibit p53 amyloid formation and rescue p53 function in cancer cell lines.</p> <p><b>Purity:</b> 99.65%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 1 mg, 5 mg, 10 mg, 25 mg, 50 mg</p>	<p><b>Bioactivity:</b> RG7112 is the first clinical and orally available <b>MDM-2/p53</b> inhibitor designed to occupy the p53-binding pocket of MDM2, with the <b>K<sub>d</sub></b> value of 11 nM.</p> <p><b>Purity:</b> 99.91%</p> <p><b>Clinical Data:</b> Phase 1</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg</p>
<p><b>RITA</b> (NSC 652287)</p> <p style="text-align: right;">Cat. No.: HY-13424</p>	<p><b>RO8994</b></p> <p style="text-align: right;">Cat. No.: HY-16999</p>
<p><b>Bioactivity:</b> RITA is an inhibitor of <b>p53-HDM-2 interaction</b>, binds to p53dN, with a <b>K<sub>d</sub></b> of 1.5 nM, and also induces <b>DNA-DNA cross-links</b>.</p> <p><b>Purity:</b> 97.97%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg</p>	<p><b>Bioactivity:</b> RO8994 is a highly potent and selective series of spiroindolinone small-molecule MDM2 inhibitor, with IC50 of 5 nM (HTRF binding assays) and 20 nM (MTT proliferation assays). IC50 value: 5 nM (in HTRF binding assays), 20 nM (in MTT proliferation assays) Target: MDM2 in vitro: RO8994 represents...</p> <p><b>Purity:</b> 99.38%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p>
<p><b>SAR405838</b> (MI-77301)</p> <p style="text-align: right;">Cat. No.: HY-18986</p>	<p><b>Serdemetan</b> (JNJ-26854165)</p> <p style="text-align: right;">Cat. No.: HY-12025</p>
<p><b>Bioactivity:</b> SAR405838 is a highly potent and selective MDM2 inhibitor, binds to MDM2 with <b>K<sub>i</sub></b>= 0.88 nM and has high specificity over other proteins. IC50 value: 0.88 nM (Ki) [1] Target: MDM2 in vitro: SAR405838 potently inhibits cell growth in cancer cell lines, including SJS-A-1 (IC50, 0.092 μM), RS4;11 (IC50, 0.089...</p> <p><b>Purity:</b> 95.14%</p> <p><b>Clinical Data:</b> Phase 1</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p>	<p><b>Bioactivity:</b> Serdemetan(JNJ-26854165) acts as a HDM2 ubiquitin ligase antagonist and also induces early apoptosis in p53 wild-type cells, inhibits cellular proliferation followed by delayed apoptosis in the absence of functional p53. IC50 value: HDM2 ubiquitin ligase Target: in vitro: JNJ 26854165 is a novel...</p> <p><b>Purity:</b> 98.32%</p> <p><b>Clinical Data:</b> Phase 1</p> <p><b>Size:</b> 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg</p>

<p><b>Siremadlin</b> (NVP-HDM201; HDM201) <span style="float: right;">Cat. No.: HY-18658</span></p> <p><b>Bioactivity:</b> Siremadlin (NVP-HDM201) is a potent and highly specific <b>MDM-2/p53</b> inhibitor currently under phase I clinical trial.</p> <p><b>Purity:</b> 99.19% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg</p> 	<p><b>SJ-172550</b> <span style="float: right;">Cat. No.: HY-16664</span></p> <p><b>Bioactivity:</b> SJ-172550 is a small molecule inhibitor of <b>MDMX</b>; competes for the wild type p53 peptide binding to MDMX with an <b>EC<sub>50</sub></b> of 5 <math>\mu</math>M.</p> <p><b>Purity:</b> 98.0% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 10 mg, 50 mg</p> 
<p><b>Solasodine</b> (Purapuridine; Solanarpidine; Solasodin) <span style="float: right;">Cat. No.: HY-N0068</span></p> <p><b>Bioactivity:</b> Solasodine(Purapuridine) is a poisonous alkaloid chemical compound that occurs in plants of the Solanaceae family. Solasodine showed selective cytotoxicity against cervical cancer cell line (HeLa) and human myeloid leukemia cell line (U937). IC50 Value: 12.17 <math>\pm</math> 3.3 <math>\mu</math>M (Hela cell line)[1] Target:...</p> <p><b>Purity:</b> 98.0% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 100 mg</p> 	<p><b>Tenovin 6 Hydrochloride</b> (Tenovin 2) <span style="float: right;">Cat. No.: HY-15510B</span></p> <p><b>Bioactivity:</b> Tenovin-6 Hydrochloride is a water soluble inhibitor of <b>SIRT1</b> and <b>SIRT2</b>, slightly inhibits <b>HDAC8</b>, and is also a potent activator of <b>p53</b>, with <b>IC<sub>50</sub>s</b> of 21 <math>\mu</math>M, 10 <math>\mu</math>M, 67 <math>\mu</math>M for SirT1, SirT2, and SirT3, respectively.</p> <p><b>Purity:</b> 98.0% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg</p> 
<p><b>Tenovin-1</b> <span style="float: right;">Cat. No.: HY-13423</span></p> <p><b>Bioactivity:</b> Tenovin-1 is an inhibitor of <b>sirtuin 1</b> and <b>sirtuin 2</b>, an activator of <b>p53</b> and may have potential in the management of cancer.</p> <p><b>Purity:</b> 99.39% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg</p> 	<p><b>Tenovin-3</b> <span style="float: right;">Cat. No.: HY-19339</span></p> <p><b>Bioactivity:</b> Tenovin-3 is able to increase p53 levels, determined in MCF-7 cells treated for 6 hr at 10 <math>\mu</math>M. Target: p53 in vitro: Tenovins inhibit the activities of human SirT1 and SirT2, two members of the NAD<sup>+</sup>-dependent class III histone deacetylases that also belong to the sirtuin family.[1]</p> <p><b>Purity:</b> 99.72% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg</p> 
<p><b>Tenovin-6</b> <span style="float: right;">Cat. No.: HY-15510</span></p> <p><b>Bioactivity:</b> Tenovin-6 is a water soluble inhibitor of <b>SIRT1</b> and <b>SIRT2</b>, slightly inhibits <b>HDAC8</b>, and is also a potent activator of <b>p53</b>, with <b>IC<sub>50</sub>s</b> of 21 <math>\mu</math>M, 10 <math>\mu</math>M, and 67 <math>\mu</math>M for SirT1, SirT2, and SirT3, respectively.</p> <p><b>Purity:</b> 98.24% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg</p> 	<p><b>WR-1065 dihydrochloride</b> <span style="float: right;">Cat. No.: HY-103640</span></p> <p><b>Bioactivity:</b> WR-1065 dihydrochloride can protect normal tissues from the toxic effects of certain cancer drugs and activate <b>p53</b> through a JNK-dependent signaling pathway.</p> <p><b>Purity:</b> 98.0% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 5 mg, 10 mg</p> 
<p><b>YH239-EE</b> <span style="float: right;">Cat. No.: HY-12287</span></p> <p><b>Bioactivity:</b> YH239-EE, ethyl ester of the free carboxylic acid compound YH239, is a potent p53-MDM2 antagonizing and apoptosis-inducing agent IC50 value: Target: MDM2/p53 YH239-EE inhibits the growth of OCI-AML-3 cells with wild type p53 by inhibiting the p53-MDM2 interaction. YH239-EE induces cell...</p> <p><b>Purity:</b> 99.25% <b>Clinical Data:</b> No Development Reported <b>Size:</b> 10mM x 1mL in DMSO, 10 mg, 50 mg</p> 	