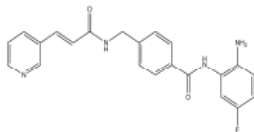


**PRODUCT: Chidamide**

<b>ALTERNATE NAME:</b>	N-(2-amino-5-fluorophenyl)-4-[[[1-oxo-3-(3-pyridinyl)-2-propen-1-yl]amino]methyl]-benzamide
<b>CATALOG #:</b>	2261-1, 5
<b>AMOUNT:</b>	1 mg, 5 mg
<b>STRUCTURE:</b>	
<b>MOLECULAR FORMULA:</b>	C <sub>22</sub> H <sub>19</sub> FN <sub>4</sub> O <sub>2</sub>
<b>MOLECULAR WEIGHT:</b>	390.41
<b>CAS NUMBER:</b>	743420-02-2
<b>APPEARANCE:</b>	White to off-white solid
<b>SOLUBILITY:</b>	DMSO
<b>PURITY:</b>	≥98%
<b>STORAGE:</b>	At -20° C. Protect from light and moisture
<b>DESCRIPTION:</b>	Cell-permeable. A new benzamide class of histone deacetylase (HDAC) inhibitor with marked anti-tumor activity. It increases histone H3 acetylation levels in LoVo and HT29 colon cancer cells at concentrations as low as 4 μM. Additionally, chidamide affects the activation of oncogenic signaling kinases by dose-dependently reducing phosphorylated Akt, mTOR, p70S6k, Raf, and Erk1/2 protein expression in colon cancer cells.
<b>REFERENCE:</b>	Lin, L., <i>et al.</i> (2010). <i>Biochem. Biophys. Res. Commun.</i> 392, 190-195.
<b>HANDLING:</b>	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

CI-994 (Cat. No. 1742-10, 50)  
 CUDC-101 (Cat. No. 1966-5, 25)  
 Depudecin (Cat. No. 2087-100)  
 DiscoveryPak™ HDAC Inhibitor Set (Cat. No. K851-6)  
 DiscoveryPak™ HDAC Inhibitor Set II (Cat. No. K876-7)  
 M344 (Cat. No. 1701-1)  
 MS-275 (Entinostat, MS-275) (Cat. No. 1590-1,5)  
 Nexturastat A (Cat. No. 2098-1)  
 Nullscript (Cat. No. 2186-1)  
 Oxamflatin (Cat. No. 2250-1, 5)  
 Panobinostat (LBH589) (Cat. No. 1612-1,5)  
 PCI 34051 (Cat. No. 2251-5, 25)  
 SAHA (Cat. No. 1604-1)  
 SBHA (Cat. No. 2202-50, 250)  
 Sodium 4-phenylbutyrate (Cat. No. 1608-100,1000)  
 Sodium Butyrate (Cat. No. 1609-1000)  
 Splitomycin (Cat. No. 1610-5)  
 Trichostatin A (Cat. No. 1606-1)  
 Tubacin (Cat. No. 1984-250, 1000)  
 Tubastatin A (Cat. No. 1724-1, 5)

**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**