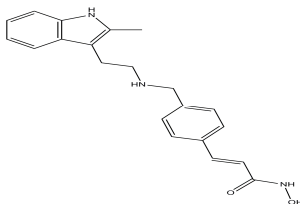


## Panobinostat (LBH-589)

ALTERNATE NAME: NVP-LBH589

CATALOG #:	1612-1	1 mg
	1612-5	5 mg
	1612-25	25 mg

STRUCTURE:

MOLECULAR FORMULA: C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub>

MOLECULAR WEIGHT: 349.43

CAS NUMBER: 404950-80-7

APPEARANCE: Solid

SOLUBILITY: DMSO

PURITY: ≥99%

STORAGE: Keep cool and dry, Store at -20°C

**DESCRIPTION:** Panobinostat (LBH589) is a highly potent inhibitor of both histone deacetylase 1 (HDAC1) activity and tumour cell proliferation in vitro. The IC<sub>50</sub> values of HDAC isozymes HDAC1-IP Ac-H4, HDAC8, MALunselective, B61HDAC1 and B12HDAC6 are 0.23±0.06, 283±29, 75±4, 47±5 and 89±12 nM, respectively. And to A2780 proliferation, IC<sub>50</sub> value is 4.6±1.8 nM.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Apicidin (Cat. No. 1601-1)  
CI-994 (Cat. No. 1742-10, 50)  
CUDC-101 (Cat. No. 1966-5, 25)  
DiscoveryPak™ HDAC Inhibitor Set (Cat. No. K851-6)  
M344 (Cat. No. 1701-1)  
MS-275 (Entinostat, MS-275) (Cat. No. 1590-1,5)  
Panobinostat (LBH589) (Cat. No. 1612-1,5)  
SAHA (Cat. No. 1604-1)  
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)  
Tubastatin A (Cat. No. 1724-1, 5)  
Valproic Acid, Sodium Salt (Cat. No. 1647-200)

**FOR RESEARCH USE ONLY! Not to be used in humans.**

