

Panobinostat, HDAC inhibitor

Catalog	Unit
TBI2157-5MG	5 mg
TBI2157-25MG	25 mg

Product Details

Formal Name: (E)-N-Hydroxy-3-(4-((2-(2-methyl-1H-indol-3-yl)ethylamino)methyl)phenyl)acrylamide

Alternate Names: LBH-589

Molecular Formula: C₂₁H₂₃N₃O₂

Formula Weight: 349.44

CAS Number: 404950-80-7

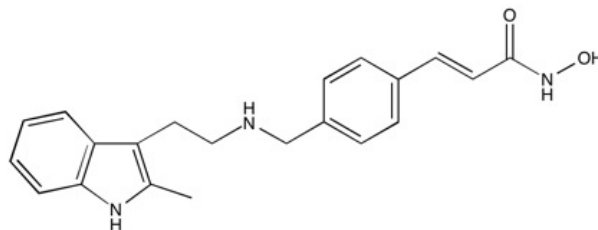
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 100 mg/ml) or in Ethanol (up to 5 mg/ml with warming).

Storage: -20°C

Stability: ≥ 1 year.



Applications

HDAC inhibitor

Functions

A potent inhibitor of class I and II HDACs. Cotreatment with panobinostat and an HSP90 inhibitor caused synergistic apoptosis in human CML-BC and AML cells. A potent antimyeloma agent that overcomes drug resistance.

Application Procedures

First dissolved in DMSO (up to 100 mg/ml) or in Ethanol (up to 5 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 1 month.

For research use only.