**Panobinostat**

**Catalog No:** 14044, 14045  
**Format:** 25 mg, 5 mg

**Chemical Properties:**  
MW = 349.4  
C$_{21}$H$_{23}$N$_3$O$_2$  
CAS 404950-80-7

**Physical Properties:** Off white powder

**Names:** Panobinostat, (E)-N-hydroxy-3-(4-((2-(2-methyl-1H-indol-3-yl)ethylamino)methyl)phenyl)acrylamide

**Pharmacology:** A potent inhibitor of class I and II HDACs (ref 1). Cotreatment with panobinostat and an HSP90 inhibitor caused synergistic apoptosis in human CML-BC and AML cells (ref 2). A potent antimyeloma agent that overcomes drug resistance (ref 3).

**Solubilization:** May be dissolved in DMSO (100 mg/ml); Ethanol (5 mg/ml warm)

**Fluorescent Properties:** N/A

**Quality Control:**  
≥98% (TLC); NMR (Conforms)

References:  

**Storage and Guarantee:** Store desiccated as supplied at -20°C for up to 1 year. Store solutions at -20°C for up to 1 month. This product is guaranteed for 6 months from date of arrival.