HDAC, EGFR & HER2 inhibitor

ALTERNATE NAMES: 7-{4-(3-Chloro-4-fluoro-phenylamino)-7-methoxy-quinazolin-6-yloxy]-heptanoic acid hydroxyamide; 7-((4-((3-chloro-4-fluorophenyl)amino)-7-methoxyquinazolin-6-yloxy)-N-hydroxyheptanamide

CATALOG #: B2933-5  5 mg  B2933-25  25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{22}H_{24}ClFN_4O_4

MOLECULAR WEIGHT: 462.9

CAS NUMBER: 1012054-55-5

APPEARANCE: Solid

PURITY: 95%

SOLUBILITY: Soluble in DMSO

DESCRIPTION: HDAC, EGFR, and HER2 Inhibitor is a multitargeted inhibitor of histone deacetylase (HDAC), epidermal growth factor receptor (EGFR) and human epidermal growth factor receptor 2 (HER2) with IC_{50} values of 6.5 nM, 3.1 nM and 19 nM respectively. It inhibits the growth of different cell lines such as HCC827, H358, H460 with IC_{50} values of 0.93 μM, 0.71 μM, 0.90 μM respectively.

STORAGE TEMPERATURE: -20°C


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

RELATED PRODUCTS:
- 4-Iodo-SAHA (Cat. No. B2800)
- Valproic Acid, Sodium Salt (Cat. No. 1647)
- CUDC-101 (Cat. No. 1966)
- Poziotinib (Cat. No. 9519)
- EZSolution™ AZD-9291 (Osimertinib) (Cat. No. B2490)

DISCLAIMER: FOR RESEARCH USE ONLY! Not to be used on humans.