



Datasheet for ABIN7233246

CUDC-101



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1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: Dual HDAC and EGFR inhibitor

Characteristics: A novel hybrid dual-acting HDAC and receptor tyrosine kinase inhibitor. It is a potent HDAC inhibitor which also inhibits EGFR and HER2, IC50 = 4.4, 2.4 and 15.7 nM respectively. It not only blocks EGFR and HER2 but also attenuates multiple compensatory pathways such as AKT, HER3 and MET which enable tumor cells to escape the effects of conventional EGFR/HER2 inhibitors.

Purity: >98 %

Chemical Name: 7-((4-((3-Ethynylphenyl)amino)-7-methoxyquinazolin-6-yl)oxy)-N-hydroxyheptanamide

Formula: C24H26N4O4

Solubility: Soluble in DMSO (up to 25 mg/ml)

Target Details

Background: Epigenetics, Posttranslational modification, Kinase, Protein deacetylase, Cancer, Chromatin, AKT

Molecular Weight: 434.49

CAS-No: 1012054-59-9

Application Details

Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images

Molecule

Image 1. /

