Creative Enzymes®

CUDC-907

Cat. No. CEI-0869

Lot. No. (See product label)

Introduction

Description	CUDC-907 is a dual PI3K and HDAC inhibitor for PI3Kα and HDAC1/2/3/10 with IC50 of 19 nM and 1.7 nM/5 nM/1.8 nM/2.8 nM, respectively. Phase 1.

Product Information

CAS No.	1339928-25-4
Molecular Formula	C23H24N8O4S
Chemical Name	N-hydroxy-2-(((2-(6-methoxypyridin-3-yl)-4-morpholinothieno[3,2-d]pyrimidin-6-yl)methyl)(methyl)amino)pyrimidine-5-carboxamide
Molecular Weight	508.55
Targets	PI3Kα, HDAC1, HDAC2, HDAC3, HDAC10
IC50	19 nM; 1.7 nM; 5 nM; 1.8 nM; 2.8 nM
Solubility	DMSO 102 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.