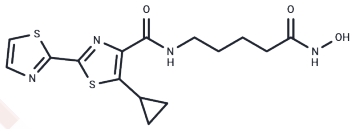
Data Sheet (Cat.No.T70748)

TargetMol

Bisthianostat

Chemical Properties



CAS No. : 1408234-79-6

Formula: C15H18N4O3S2

Molecular Weight: 366.46

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Bisthianostat, also known as CF367 or CF367;-C, is a novel Orally Efficacious Pan-HDAC Inhibitor. Bisthianostat selectively binds to and inhibits HDACs, which inhibits deacetylation of histone proteins and leads to the accumulation of highly acetylated histones. This may result in an induction of chromatin remodeling, the inhibition of tumor oncogene transcription, and the selective transcription of tumor suppressor genes. This prevents cell division, induces cell cycle arrest and apoptosis. This may inhibit the proliferation of susceptible tumor cells. HDACs, upregulated in many tumor cell types, are a family of enzymes that deacetylate histone proteins.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7288 mL	13.6441 mL	27.2881 mL
5 mM	0.5458 mL	2.7288 mL	5.4576 mL
10 mM	0.2729 mL	1.3644 mL	2.7288 mL
50 mM	0.0546 mL	0.2729 mL	0.5458 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481