# Data Sheet (Cat.No.T84682)

TargetMol

BATCP

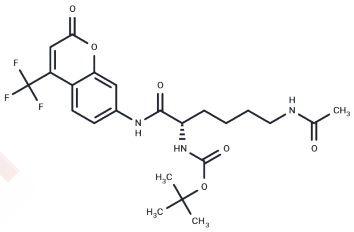
## Chemical Properties

CAS No. : 787549-23-9

Formula: C23H28F3N3O6

Molecular Weight: 499.49

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 | BATCP is an epigenetic modulator and a potent HDAC inhibitor. It increases histone acetylation and regulates gene transcription, used in cancer and DNA repair research. |
| Targets(IC50) | HDAC |

## Solubility Information

| | |
|---|---|
| Solubility | DMSO: 80.00 mg/mL (160.16 mM),Sonication is recommmended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 2.002 mL | 10.0102 mL | 20.0204 mL |
| 5 mM | 0.4004 mL | 2.002 mL | 4.0041 mL |
| 10 mM | 0.2002 mL | 1.001 mL | 2.002 mL |
| 50 mM | 0.040 mL | 0.2002 mL | 0.4004 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.

Reference

Saw WG, et al. Structural and Mechanistic Insights into Mycobacterium abscessus Aspartate Decarboxylase PanD and a Pyrazinoic Acid-Derived Inhibitor. ACS Infect Dis. 2022 Jul 8;8(7):1324-1335.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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