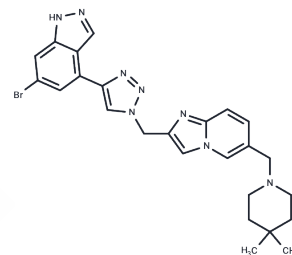


STM3006

Chemical Properties

CAS No. : 2499664-52-5
 Formula: C₂₅H₂₇BrN₈
 Molecular Weight: 519.44
 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	STM3006 is an orally active, selective and potent METTL3 inhibitor with antitumor activity for the study of acute myeloid leukemia (AML).
Targets(IC50)	Apoptosis,Others

Solubility Information

Solubility	DMSO: 150 mg/mL (288.77 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9252 mL	9.6258 mL	19.2515 mL
5 mM	0.385 mL	1.9252 mL	3.8503 mL
10 mM	0.1925 mL	0.9626 mL	1.9252 mL
50 mM	0.0385 mL	0.1925 mL	0.385 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

Andrew A Guirguis, et al. Inhibition of METTL3 Results in a Cell-Intrinsic Interferon Response That Enhances Antitumor Immunity. *Cancer Discov.* 2023 Oct 5;13(10):2228-2247.

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