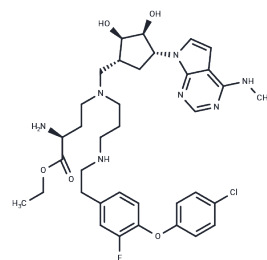


KMT9-IN-1

Chemical Properties

CAS No. : 2625406-61-1
 Formula: C₃₆H₄₇ClFN₇O₅
 Molecular Weight: 712.25
 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	KMT9-IN-1 (Compound 8) is a KMT9 inhibitor and an ethyl ester prodrug of compound 7b. Inside cells, KMT9-IN-1 releases the active form 7b through the action of esterases. It specifically associates with the KMT9 target within cells, leading to a reduction in H4K12me1 levels. KMT9-IN-1 exhibits antitumor activity against colon cancer and can be employed in research on prostate cancer and hepatocellular carcinoma.
Targets(IC50)	Epigenetic Reader Domain

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.404 mL	7.020 mL	14.040 mL
5 mM	0.2808 mL	1.404 mL	2.808 mL
10 mM	0.1404 mL	0.702 mL	1.404 mL
50 mM	0.0281 mL	0.1404 mL	0.2808 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.

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