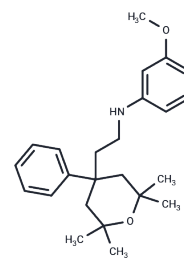


ICMT-IN-1

Chemical Properties

CAS No. : 1313603-22-3
 Formula: C₂₄H₃₃NO₂
 Molecular Weight: 367.52
 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	ICMT-IN-1 (compound 75) is a potent ICMT inhibitor with an IC ₅₀ of 0.0013 μM; it promotes dose-dependent cytoplasmic accumulation of ICMT in HCT-116 cells and effectively inhibits the proliferation of various cancer cell lines expressing K-Ras and N-Ras [1].
Targets(IC50)	Others,Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7209 mL	13.6047 mL	27.2094 mL
5 mM	0.5442 mL	2.7209 mL	5.4419 mL
10 mM	0.2721 mL	1.3605 mL	2.7209 mL
50 mM	0.0544 mL	0.2721 mL	0.5442 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