

ICMT-IN-7

Chemical Properties

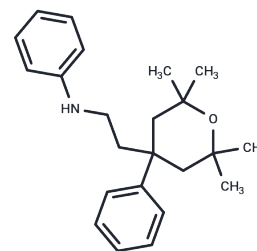
CAS No. : 1313603-21-2

Formula: C₂₃H₃₁NO

Molecular Weight: 337.5

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-7 (compound 74), with an IC ₅₀ value of 0.015 μM, functions as an ICMT inhibitor, promotes cytoplasmic accumulation of ICMT in HCT-116 cells in a dose-dependent manner and suppresses the proliferation of various cancer cell lines harboring K-Ras and N-Ras mutations [1].
Targets(IC ₅₀)	Others, Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.963 mL	14.8148 mL	29.6296 mL
5 mM	0.5926 mL	2.963 mL	5.9259 mL
10 mM	0.2963 mL	1.4815 mL	2.963 mL
50 mM	0.0593 mL	0.2963 mL	0.5926 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