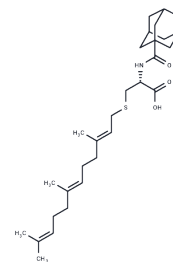


ICMT-IN-54

Chemical Properties

CAS No. : 908856-14-4
 Formula: C₂₉H₄₅NO₃S
 Molecular Weight: 487.74
 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-54 (compound 7c), an adamantyl analogue, serves as an ICMT inhibitor with an IC ₅₀ value of 12.4 μM, targeting the methylation process facilitated by ICMT. It specifically inhibits the methylation of BFC (N-biotinyl-(6-aminohexanoic)-S-farnesyl-L-cysteine) in <i>Saccharomyces cerevisiae</i> expressing ICMT, marking an indirect inhibition of ICMT-mediated methylation [1].
Targets(IC ₅₀)	Others,Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0503 mL	10.2514 mL	20.5027 mL
5 mM	0.4101 mL	2.0503 mL	4.1005 mL
10 mM	0.205 mL	1.0251 mL	2.0503 mL
50 mM	0.041 mL	0.205 mL	0.4101 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

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