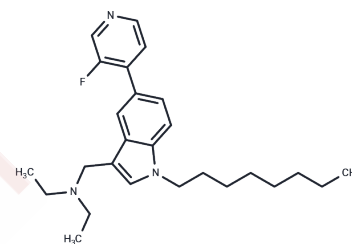


ICMT-IN-53

Chemical Properties

CAS No. : 1443253-17-5
 Formula: C₂₆H₃₆FN₃
 Molecular Weight: 409.58
 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-53 (compound 12) is an ICMT inhibitor with an IC ₅₀ of 0.96 μM, exhibiting favorable PAMPA permeability and antiproliferative properties. It effectively inhibits the proliferation of MDA-MB-231 and PC3 cell lines with IC ₅₀ values of 5.14 μM and 5.88 μM, respectively [1].
Targets(IC ₅₀)	Others,Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4415 mL	12.2076 mL	24.4153 mL
5 mM	0.4883 mL	2.4415 mL	4.8831 mL
10 mM	0.2442 mL	1.2208 mL	2.4415 mL
50 mM	0.0488 mL	0.2442 mL	0.4883 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

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