

POP-3MB

Chemical Properties

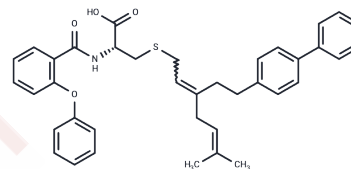
CAS No. : 1144114-27-1

Formula: C₃₈H₃₉NO₄S

Molecular Weight: 605.79

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	POP-3MB (compound 1b) acts as an inhibitor of ICMT, displaying an IC ₅₀ value of 2.5 μM. This compound not only alters the subcellular localization of K-Ras but also impedes Ras activation and inhibits Erk phosphorylation [1].
Targets(IC ₅₀)	ERK,Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6507 mL	8.2537 mL	16.5074 mL
5 mM	0.3301 mL	1.6507 mL	3.3015 mL
10 mM	0.1651 mL	0.8254 mL	1.6507 mL
50 mM	0.033 mL	0.1651 mL	0.3301 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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