

EML734

Chemical Properties

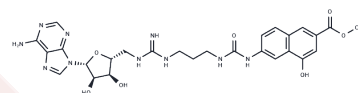
CAS No. : 3031795-11-3

Formula: C₂₇H₃₂N₁₀O₇

Molecular Weight: 608.61

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	EML734 is a potent, selective inhibitor of PRMT7 and PRMT9, demonstrating inhibitory concentration 50 (IC ₅₀) values of 315 nM for PRMT7 and 0.89 μM for PRMT9.
Targets(IC ₅₀)	Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6431 mL	8.2154 mL	16.4309 mL
5 mM	0.3286 mL	1.6431 mL	3.2862 mL
10 mM	0.1643 mL	0.8215 mL	1.6431 mL
50 mM	0.0329 mL	0.1643 mL	0.3286 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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