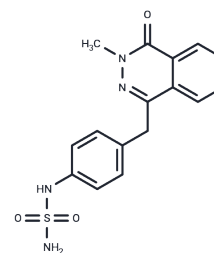


Enpp-1-IN-19

Chemical Properties

CAS No. : 2738583-25-8
 Formula: C₁₆H₁₆N₄O₃S
 Molecular Weight: 344.39
 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	Enpp-1-IN-19 (compound 29f) is an orally active inhibitor of ENPP1 that effectively blocks cGAMP hydrolysis with an IC ₅₀ of 68 nM. It not only enhances anti-PD-L1 responses and curtails tumor growth in CT26 syngeneic models but also boosts STING-mediated type I interferon responses. Additionally, Enpp-1-IN-19 fosters immune memory and aids in preventing tumor recurrence [1].
Targets(IC50)	PDE,STING

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9037 mL	14.5184 mL	29.0368 mL
5 mM	0.5807 mL	2.9037 mL	5.8074 mL
10 mM	0.2904 mL	1.4518 mL	2.9037 mL
50 mM	0.0581 mL	0.2904 mL	0.5807 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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