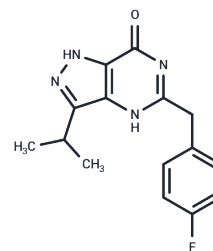


Phosphodiesterase-IN-1

Chemical Properties

CAS No. :	521297-42-7
Formula:	C ₁₅ H ₁₅ N ₄ O
Molecular Weight:	286.3
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	Phosphodiesterase-IN-1 (Compound 7), a phosphodiesterase (PDE) inhibitor, exhibits anti-Plasmodium and antiproliferative activities. It effectively inhibits <i>P. falciparum</i> (strain 3D7) with an IC ₅₀ value of 0.64 μM [1].
Targets(IC ₅₀)	Parasite,PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4928 mL	17.4642 mL	34.9284 mL
5 mM	0.6986 mL	3.4928 mL	6.9857 mL
10 mM	0.3493 mL	1.7464 mL	3.4928 mL
50 mM	0.0699 mL	0.3493 mL	0.6986 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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