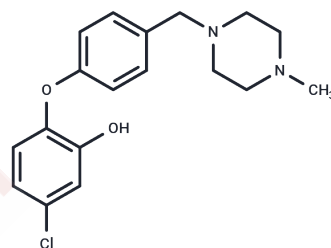


TgENR-IN-1

Chemical Properties

CAS No. :	1428626-91-8
Formula:	C ₁₈ H ₂₁ ClN ₂ O ₂
Molecular Weight:	332.83
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	TgENR-IN-1 (Compound 5a), serving as an inhibitor of Toxoplasma gondii enoyl reductase (TgENR), inhibits 25% of TgENR activity at a concentration of 1 μM. It exhibits toxicity in parasite tissue with an IC ₅₀ value of >10 μM [1].
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0045 mL	15.0227 mL	30.0454 mL
5 mM	0.6009 mL	3.0045 mL	6.0091 mL
10 mM	0.3005 mL	1.5023 mL	3.0045 mL
50 mM	0.0601 mL	0.3005 mL	0.6009 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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