

Antimalarial agent 20

Chemical Properties

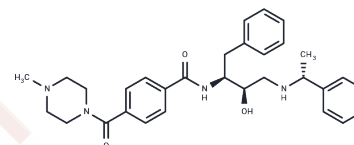
CAS No. : 1422207-75-7

Formula: C₃₁H₃₈N₄O₃

Molecular Weight: 514.66

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	Antimalarial agent 20, exhibiting potent efficacy with an IC ₅₀ value of 0.6 nM against the P. falciparum NF54 parasite strain within the NF54 albumax assay, serves as a significant antimalarial compound.
Targets(IC ₅₀)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.943 mL	9.7152 mL	19.4303 mL
5 mM	0.3886 mL	1.943 mL	3.8861 mL
10 mM	0.1943 mL	0.9715 mL	1.943 mL
50 mM	0.0389 mL	0.1943 mL	0.3886 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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