

Antimalarial agent 3

Chemical Properties

CAS No. :

Formula: C₁₅H₁₆BrN₃O₂

Molecular Weight: 350.21

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 3, an antimalarial agent, exhibits potent activity against Plasmodium with an IC ₅₀ of 0.035 μM. Furthermore, it demonstrates an exceptionally high selectivity index in relation to mammalian cells.
Targets(IC ₅₀)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8554 mL	14.2771 mL	28.5543 mL
5 mM	0.5711 mL	2.8554 mL	5.7109 mL
10 mM	0.2855 mL	1.4277 mL	2.8554 mL
50 mM	0.0571 mL	0.2855 mL	0.5711 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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