

ST72

Chemical Properties

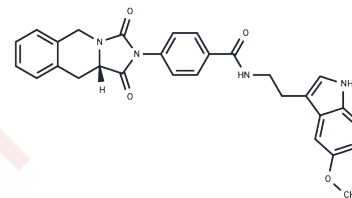
CAS No. : 1014062-74-8

Formula: C₂₉H₂₆N₄O₄

Molecular Weight: 494.54

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	ST72 is a potent inhibitor of FP2. ST72 exhibited strong growth inhibition of chloroquine-sensitive (3D7; EC ₅₀ = 2.8 μM) and chloroquine-resistant (RKL-9; EC ₅₀ = 6.7 μM) strains of Plasmodium falciparum
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0221 mL	10.1104 mL	20.2208 mL
5 mM	0.4044 mL	2.0221 mL	4.0442 mL
10 mM	0.2022 mL	1.011 mL	2.0221 mL
50 mM	0.0404 mL	0.2022 mL	0.4044 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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