

S-WJM992

Chemical Properties

CAS No. :

Formula: C₂₂H₁₈ClFN₆O₃

Molecular Weight: 468.87

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	S-WJM992 (compound 10ahb) serves as an antiparasitic agent, effectively inhibiting ATPase activity in high [Na ⁺] environments. It also significantly counteracts parasites resistant to PfATP4 inhibitors. Additionally, S-WJM992 acts as a potential transmission blocker by impeding gamete development and halting the transmission of parasites to mosquitoes during blood feeding.
Targets(IC50)	ATPase,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1328 mL	10.6639 mL	21.3279 mL
5 mM	0.4266 mL	2.1328 mL	4.2656 mL
10 mM	0.2133 mL	1.0664 mL	2.1328 mL
50 mM	0.0427 mL	0.2133 mL	0.4266 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.

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