

FIKK9.1-IN-1

Chemical Properties

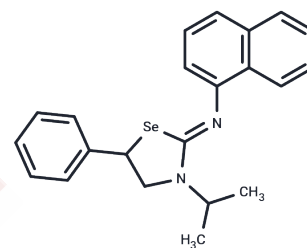
CAS No. : 1448523-50-9

Formula: C₂₂H₂₂N₂Se

Molecular Weight: 393.38

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	FIKK9.1-IN-1 (Compound 1), an antimalarial agent (IC ₅₀ : 2.68 µg/mL), serves as a FIKK9.1 inhibitor by interacting with the ATP-binding residues within FIKK9.1, thereby disrupting the parasite life cycle and resulting in parasite death [1].
Targets(IC ₅₀)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5421 mL	12.7104 mL	25.4207 mL
5 mM	0.5084 mL	2.5421 mL	5.0841 mL
10 mM	0.2542 mL	1.271 mL	2.5421 mL
50 mM	0.0508 mL	0.2542 mL	0.5084 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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