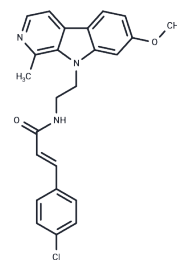


HSP90-IN-21

Chemical Properties

CAS No. : 2521791-38-6
 Formula: C₂₄H₂₂ClN₃O₂
 Molecular Weight: 419.9
 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	HSP90-IN-21 (5e) serves as an antiplasmodial agent, exhibiting IC ₅₀ values of 0.04, 0.17, and 2.91 μM against the erythrocytic stages of <i>P. falciparum</i> strains (Pf3D7 and PfDd2) and cytotoxicity against the human liver hepatocellular carcinoma cell line (HepG2), respectively [1].
Targets(IC ₅₀)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3815 mL	11.9076 mL	23.8152 mL
5 mM	0.4763 mL	2.3815 mL	4.763 mL
10 mM	0.2382 mL	1.1908 mL	2.3815 mL
50 mM	0.0476 mL	0.2382 mL	0.4763 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481