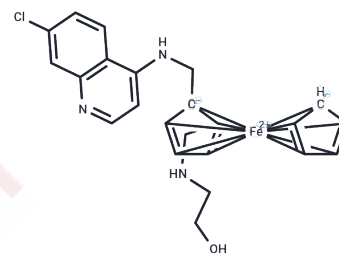


SARS-CoV-IN-1

Chemical Properties

CAS No. : 888958-25-6
 Formula: C₂₃H₂₄ClFeN₃O
 Molecular Weight: 449.76
 Appearance:
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	SARS-CoV-IN-1 is an effective SARS-CoV replication inhibitor with an EC ₅₀ of 4.9 μM in Vero cells.
Targets(IC ₅₀)	Others
In vitro	In vitro growth of Plasmodium falciparum inhibited by SARS-CoV-IN-1 far better than Chloroquine (CQ) .

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2234 mL	11.117 mL	22.2341 mL
5 mM	0.4447 mL	2.2234 mL	4.4468 mL
10 mM	0.2223 mL	1.1117 mL	2.2234 mL
50 mM	0.0445 mL	0.2223 mL	0.4447 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.

Reference

Biot C, et al. Design and synthesis of hydroxyferroquine derivatives with antimalarial and antiviral activities. J Med Chem. 2006 May 4;49(9):2845-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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