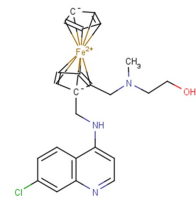


SARS-CoV-IN-2

Chemical Properties

CAS No.:	888958-26-7
Formula:	C ₂₄ H ₁₈ ClFeN ₃ O
Molecular Weight:	455.72
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	SARS-CoV-IN-2 is an effective SARS-CoV replication inhibitor
Targets(IC ₅₀)	SARS-CoV, in Vero cells: 1.9 µM (EC ₅₀) 3D7 P. falciparum: IC ₉₀ : 51.0 nM W2 P. falciparum: 99.9 nM
In vitro	In vitro growth of Plasmodium falciparum inhibited by SARS-CoV-IN-2 far better than Chloroquine (CQ) .

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.194 mL	10.972 mL	21.943 mL
5 mM	0.439 mL	2.194 mL	4.389 mL
10 mM	0.219 mL	1.097 mL	2.194 mL
50 mM	0.044 mL	0.219 mL	0.439 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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