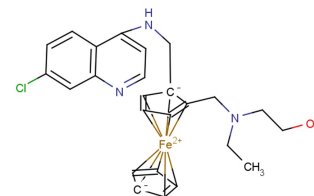


SARS-CoV-IN-3

Chemical Properties

CAS No.:	888958-27-8
Formula:	C ₂₅ H ₂₀ ClFeN ₃ O
Molecular Weight:	469.74
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-3 is an effective SARS-CoV replication inhibitor.
Targets(IC ₅₀)	SARS-CoV, in Vero cells: 3.6 μ M (EC ₅₀) 3D7 P. falciparum: IC ₉₀ : 29.19 nM W2 P. falciparum: 56 nM
In vitro	In vitro growth of Plasmodium falciparum inhibited by SARS-CoV-IN-3 far better than Chloroquine (CQ) .

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.129 mL	10.644 mL	21.288 mL
5 mM	0.426 mL	2.129 mL	4.258 mL
10 mM	0.213 mL	1.064 mL	2.129 mL
50 mM	0.043 mL	0.213 mL	0.426 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481