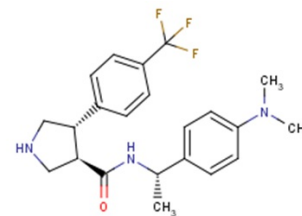


CWHM-1008

Chemical Properties

CAS No.:	2362539-97-5
Formula:	C ₂₂ H ₂₆ F ₃ N ₃ O
Molecular Weight:	405.46
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	CWHM-1008 is an effective oral antimalarial drug. The EC ₅₀ values of the drug-sensitive Plasmodium falciparum 3D7 and drug-resistant Dd2 strains are 46 and 21 nM, respectively.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 250 mg/mL (616.58 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.466 mL	12.332 mL	24.663 mL
5 mM	0.493 mL	2.466 mL	4.933 mL
10 mM	0.247 mL	1.233 mL	2.466 mL
50 mM	0.049 mL	0.247 mL	0.493 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. Meyers MJ, et al. 4-Aryl Pyrrolidines as a Novel Class of Orally Efficacious Antimalarial Agents. Part 1: Evaluation of 4-Aryl- N-benzylpyrrolidine-3-carboxamides. J Med Chem. 2019 Mar 22.

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