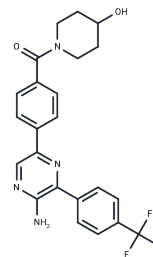


MMV666810

Chemical Properties

CAS No. : 1450666-97-3
 Formula: C₂₃H₂₁F₃N₄O₂
 Molecular Weight: 442.43
 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	MMV666810 is an antimalarial lead with cross-lifecycle activity. It shows potent killing effects against asexual and gametocyte stages of <i>P. falciparum</i> .
Targets(IC50)	Antibiotic
In vitro	MMV666810 shows stage-dependent lethality against malaria parasites, clearing asexual forms and targeting late-stage gametocyte development [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2602 mL	11.3012 mL	22.6024 mL
5 mM	0.452 mL	2.2602 mL	4.5205 mL
10 mM	0.226 mL	1.1301 mL	2.2602 mL
50 mM	0.0452 mL	0.226 mL	0.452 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.

Reference

Meng H, Wu G, Zhao X, et al. Discovery of a cooperative mode of inhibiting RIPK1 kinase[J]. Cell discovery, 2021, 7 (1): 41.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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:34 Washington Street,Wellesley Hills,MA 02481