

Product Data Sheet

Product Name: RYL-552S

Cat. No.: GC70945

Chemical Properties

Cas. No. 1801444-69-8

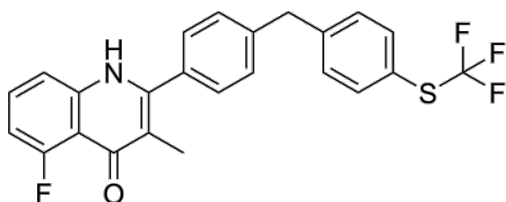
Formula $C_{24}H_{17}F_4NOS$ M.Wt 443.46

Solubility DMSO : 100 mg/mL (225.50 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

RYL-552S kills drug-resistant strains of Plasmodium falciparum. RYL-552S can efficiently kill asexual blood-stage parasites in vitro.

References:

Caution: Product has not been fully validated for medical applications. For research use only.

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[1]. Yiqing Yang, et al. Target Elucidation by Cocrystal Structures of NADH-Ubiquinone Oxidoreductase of *Plasmodium falciparum* (PfNDH2) with Small Molecule To Eliminate Drug-Resistant Malaria. J Med Chem. 2017 Mar 9;60(5):1994-2005.

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