

DSM705 hydrochloride

Chemical Properties

CAS No. :

Formula: C₁₉H₂₀ClF₃N₆O

Molecular Weight: 440.85

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	DSM705 hydrochloride is a potent antimalarial compound and a pyrrole-based inhibitor of dihydroorotate dehydrogenase (DHODH). DSM705 hydrochloride shows nanomolar effects against Plasmodium DHODH and Plasmodium parasites and does not inhibit mammalian DHODH.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2683 mL	11.3417 mL	22.6835 mL
5 mM	0.4537 mL	2.2683 mL	4.5367 mL
10 mM	0.2268 mL	1.1342 mL	2.2683 mL
50 mM	0.0454 mL	0.2268 mL	0.4537 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481