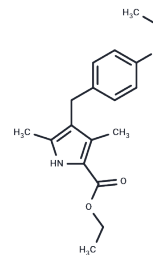


DSM43

Chemical Properties

CAS No. : 32542-16-8
 Formula: C₁₈H₂₃NO₃
 Molecular Weight: 301.38
 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	DSM43 is a dihydroorotate dehydrogenase (DHODH) inhibitor. Malaria puts at risk nearly half the world's population and causes high mortality in sub-Saharan Africa, while drug resistance threatens current therapies. The pyrimidine biosynthetic enzyme dihydroorotate dehydrogenase (DHODH) is a validated target for malaria treatment.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3181 mL	16.5904 mL	33.1807 mL
5 mM	0.6636 mL	3.3181 mL	6.6361 mL
10 mM	0.3318 mL	1.659 mL	3.3181 mL
50 mM	0.0664 mL	0.3318 mL	0.6636 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481