Data Sheet (Cat.No.T12622)

TargetMol

(R)-Hydroxychloroquine

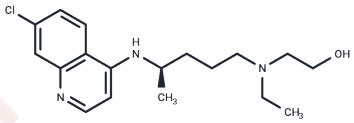
Chemical Properties

CAS No. : 137433-23-9

Formula: C18H26ClN3O

Molecular Weight: 335.87

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	(R)-Hydroxychloroquine, the enantiomer of Hydroxychloroquine, is a synthetic antimalarial agent.
Targets(IC50)	Others,Parasite,Autophagy,SARS-CoV,TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9773 mL	14.8867 mL	29.7734 mL
5 mM	0.5955 mL	2.9773 mL	5.9547 mL
10 mM	0.2977 mL	1.4887 mL	2.9773 mL
50 mM	0.0595 mL	0.2977 mL	0.5955 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

Cardoso CD, et al. Enantioselective analysis of the metabolites of hydroxychloroquine and application to an in vitro metabolic study. J Pharm Biomed Anal. 2005 Apr 1;37(4):703-8.

Manzo C, et al. Psychomotor Agitation Following Treatment with Hydroxychloroquine. Drug Saf Case Rep. 2017 Dec;4(1):6.

Lamphier M, et al. Novel small molecule inhibitors of TLR7 and TLR9: mechanism of action and efficacy in vivo. Mol Pharmacol. 2014 Mar;85(3):429-40.

Dong T, Lu Z, Li J, et al. Flubendazole Inhibits the Proliferation of A549 and H460 Cells and Promotes Autophagy[J]. Chinese Journal of Lung Cancer. 2020, 23(5): 306-313

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