

SID 26681509 quarterhydrate

Chemical Properties

CAS No. :

Formula: C₂₇H₃₅N₅O₆S

Molecular Weight: 544.16

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	SID 26681509 quarterhydrate is a reversible, potent, selective, competitive inhibitor of human cathepsin L (IC ₅₀ : 56 nM). SID 26681509 inhibits in vitro propagation of Plasmodium falciparum (IC ₅₀ : 15.4 μM) and inhibits Leishmania major (IC ₅₀ : 12.5 μM) and does not inhibit histone G activity.
Targets(IC ₅₀)	Others,Parasite,Cysteine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8377 mL	9.1885 mL	18.3769 mL
5 mM	0.3675 mL	1.8377 mL	3.6754 mL
10 mM	0.1838 mL	0.9188 mL	1.8377 mL
50 mM	0.0368 mL	0.1838 mL	0.3675 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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