

Dequalinium Bromide

Chemical Properties

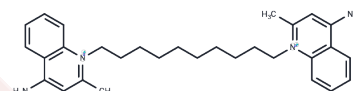
CAS No. : 6707-58-0

Formula: C30H40N4

Molecular Weight: 456.67

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	Dequalinium Bromide is a HIV-1 fusion inhibitor, targeting the membrane-proximal external region of Env spikes, specifically inhibiting the HIV-1 envelope-mediated membrane fusion by blocking CD4-induced conformational changes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1898 mL	10.9488 mL	21.8977 mL
5 mM	0.438 mL	2.1898 mL	4.3795 mL
10 mM	0.219 mL	1.0949 mL	2.1898 mL
50 mM	0.0438 mL	0.219 mL	0.438 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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