

Amphotericin B methyl ester hydrochloride

Chemical Properties

CAS No. :	35375-29-2
Formula:	C ₄₈ H ₇₆ ClNO ₁₇
Molecular Weight:	974.57
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Amphotericin B methyl ester hydrochloride, a methyl ester derivative of the polyene antibiotic Amphotericin B (A634250), is a cholesterol-binding compound with significant antifungal activity. It disrupts HIV-1 particle production and potently inhibits HIV-1 replication [1] [2].
Targets(IC50)	Others,HIV Protease,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0261 mL	5.1305 mL	10.2609 mL
5 mM	0.2052 mL	1.0261 mL	2.0522 mL
10 mM	0.1026 mL	0.513 mL	1.0261 mL
50 mM	0.0205 mL	0.1026 mL	0.2052 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.

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