

DPM-1001 trihydrochloride

Chemical Properties

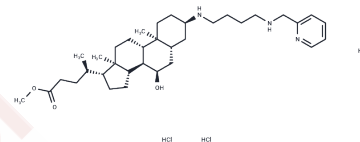
CAS No. :

Formula: C₃₅H₆₀Cl₃N₃O₃

Molecular Weight: 677.23

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	DPM-1001 trihydrochloride, an analog of the specific protein-tyrosine phosphatase (PTP1B) inhibitor MSI-1436, is a potent, specific, non-competitive, orally active inhibitor of PTP1B with an IC ₅₀ of 100 nM, exhibiting anti-diabetic properties.
Targets(IC ₅₀)	Others,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4766 mL	7.383 mL	14.766 mL
5 mM	0.2953 mL	1.4766 mL	2.9532 mL
10 mM	0.1477 mL	0.7383 mL	1.4766 mL
50 mM	0.0295 mL	0.1477 mL	0.2953 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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