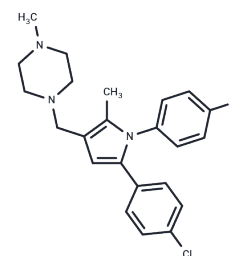


BM212

Chemical Properties

CAS No. : 146204-42-4
 Formula: C₂₃H₂₅Cl₂N₃
 Molecular Weight: 414.37
 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	BM212 is an antimycobacterial compound. It inhibits the growth of laboratory and clinical isolate M. tuberculosis strains.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	Ethanol: 5.56 mg/mL (13.42 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4133 mL	12.0665 mL	24.133 mL
5 mM	0.4827 mL	2.4133 mL	4.8266 mL
10 mM	0.2413 mL	1.2067 mL	2.4133 mL
50 mM	0.0483 mL	0.2413 mL	0.4827 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

- Biava M, Porretta G, Manetti F. New Derivatives of BM212: A Class of Antimycobacterial Compounds Based on the Pyrrole Ring as a Scaffold[J]. Mini-Reviews in Medicinal Chemistry, 2007, 7(1):65-78.
- Poce G, Bates RH, Alfonso S, et al. Improved BM212 MmpL3 inhibitor analogue shows efficacy in acute murine model of tuberculosis infection[J]. PLoS One. 2013;8(2):e56980.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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