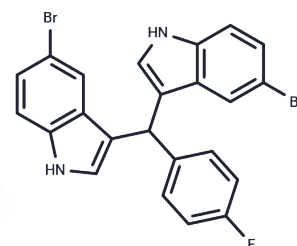


Topoisomerase I inhibitor 9

Chemical Properties

CAS No. : 1228150-86-4
 Formula: C₂₃H₁₅Br₂FN₂
 Molecular Weight: 498.19
 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	Topoisomerase I Inhibitor 9 (compound 3d), a specific inhibitor of leishmanial topoisomerase IB, exhibits antileishmanial activity, demonstrating an IC ₅₀ value of 34.81 μM against <i>L. donovani</i> promastigotes [1].
Targets(IC ₅₀)	Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0073 mL	10.0363 mL	20.0727 mL
5 mM	0.4015 mL	2.0073 mL	4.0145 mL
10 mM	0.2007 mL	1.0036 mL	2.0073 mL
50 mM	0.0401 mL	0.2007 mL	0.4015 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481