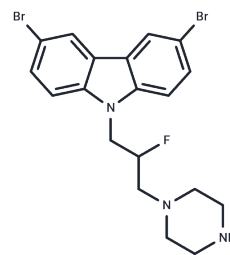


iMAC2

Chemical Properties

CAS No. :	335166-36-4
Formula:	C ₁₉ H ₂₀ Br ₂ FN ₃
Molecular Weight:	469.19
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	iMAC2, a potent MAC (Membrane Attack Complex) inhibitor, exhibits an IC ₅₀ of 28 nM and an LD ₅₀ of 15,000 nM, demonstrating significant efficacy in inhibiting MAC. Additionally, iMAC2 effectively suppresses apoptosis by blocking the release of cytochrome c [1].
Targets(IC ₅₀)	Apoptosis,Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1313 mL	10.6567 mL	21.3133 mL
5 mM	0.4263 mL	2.1313 mL	4.2627 mL
10 mM	0.2131 mL	1.0657 mL	2.1313 mL
50 mM	0.0426 mL	0.2131 mL	0.4263 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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