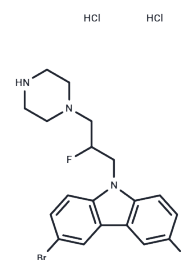


iMAC2 hydrochloride

Chemical Properties

CAS No. :	335166-00-2
Formula:	C ₁₉ H ₂₂ Br ₂ Cl ₂ FN ₃
Molecular Weight:	542.11
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 hydrochloride, a potent inhibitor of the mitochondrial apoptosis-induced channel (MAC), demonstrates an IC ₅₀ of 28 nM and an LD ₅₀ of 15000 nM. It exhibits an anti-apoptotic effect by blocking the release of cytochrome c [1].
Targets(IC ₅₀)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8446 mL	9.2232 mL	18.4464 mL
5 mM	0.3689 mL	1.8446 mL	3.6893 mL
10 mM	0.1845 mL	0.9223 mL	1.8446 mL
50 mM	0.0369 mL	0.1845 mL	0.3689 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