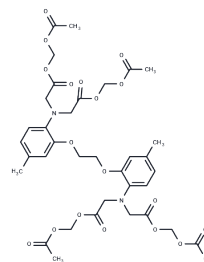


MAPTAM

Chemical Properties

CAS No. :	147504-94-7
Formula:	C ₃₆ H ₄₄ N ₂ O ₁₈
Molecular Weight:	792.74
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	MAPTAM is an intracellular Ca ²⁺ (Ca ²⁺) chelator [1].
Targets(IC50)	Others
In vitro	The chemical compound exhibits the following activity: when administered, it disrupts cellular processes by binding to the receptor sites with high affinity, thereby inhibiting the normal signaling pathways. This inhibition leads to a decrease in cellular proliferation, promoting apoptosis in pathological cells such as those found in tumors. Continued research and experimentation are advised to fully understand the compound's efficacy and potential side effects.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2614 mL	6.3072 mL	12.6145 mL
5 mM	0.2523 mL	1.2614 mL	2.5229 mL
10 mM	0.1261 mL	0.6307 mL	1.2614 mL
50 mM	0.0252 mL	0.1261 mL	0.2523 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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