

Synthalin dihydrochloride

Chemical Properties

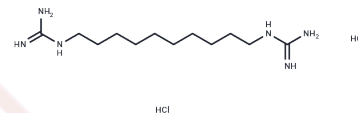
CAS No. : 301-15-5

Formula: C₁₂H₃₀Cl₂N₆

Molecular Weight: 329.31

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	Synthalin dihydrochloride is a channel blocker of K ⁺ .
Targets(IC50)	Others, iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0367 mL	15.1833 mL	30.3665 mL
5 mM	0.6073 mL	3.0367 mL	6.0733 mL
10 mM	0.3037 mL	1.5183 mL	3.0367 mL
50 mM	0.0607 mL	0.3037 mL	0.6073 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

Hackman JC, Holohean AM. The effects of polyamine agonists and antagonists on N-methyl-D-aspartate-induced depolarizations of amphibian motoneurons in situ. *Brain Res.* 2010 Apr 14;1325:10-8. doi: 10.1016/j.brainres.2010.02.025. Epub 2010 Feb 13. PubMed PMID: 20156426.

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