Data Sheet (Cat.No.T24272)



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KT5926

Chemical Propert	ies	
CAS No. :	126643-38-7	CH3 0 0
Formula:	C30H27N3O6	H III CH ₃
Molecular Weight:	525.55	
Appearance:	no data available	
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	CH3 0 NH

Biological Description	e
Description	KT5926 is an effective and selective inhibitor of myosin light chain kinase. KT5926 is an analogue of K-252a, which blocks all responses to NGF. KT5926 selectively inhibits nerve growth factor-dependent neurite elongation.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9028 mL	9.5138 mL	19.0277 mL
5 mM	0.3806 mL	1.9028 mL	3.8055 mL
10 mM	0.1903 mL	0.9514 mL	1.9028 mL
50 mM	0.0381 mL	0.1903 mL	0.3806 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.

Reference

Kim YS, Kawai A. Studies on the antiviral mechanisms of protein kinase inhibitors K-252a and KT5926 against the replication of vesicular stomatitis virus. Biol Pharm Bull. 1998 May;21(5):498-505. PubMed PMID: 9635507.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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