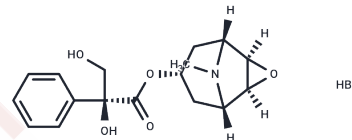


Anisodine hydrobromide

Chemical Properties

CAS No. : 76822-34-9
 Formula: C₁₇H₂₂BrNO₅
 Molecular Weight: 400.27
 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	Anisodine hydrobromide is an inhibitor of adenosine kinase.
Targets(IC50)	Others,Calcium Channel,AChR,ROS

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4983 mL	12.4916 mL	24.9831 mL
5 mM	0.4997 mL	2.4983 mL	4.9966 mL
10 mM	0.2498 mL	1.2492 mL	2.4983 mL
50 mM	0.050 mL	0.2498 mL	0.4997 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

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- Wang Q, Gao S, Luo Y, Kang QY. Compound anisodine affects the proliferation and calcium overload of hypoxia-induced rat retinal progenitor cells and brain neural stem cells via the p-ERK1/2/HIF-1 α /VEGF pathway. *Exp Ther Med*. 2017 Jul;14(1):600-608. doi: 10.3892/etm.2017.4528. Epub 2017 May 31. PubMed PMID: 28672973; PubMed Central PMCID: PMC5488403.
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