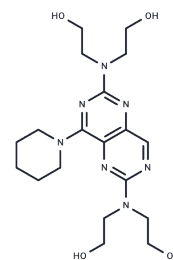


Mopidamol

Chemical Properties

CAS No. :	13665-88-8
Formula:	C ₁₉ H ₃₁ N ₇ O ₄
Molecular Weight:	421.49
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	Mopidamol (RA 233) is a phosphodiesterase inhibitor, a dipyrnidamole derivative, with anticancer activity that prevents retinal vascular defects in experimental diabetes.
Targets(IC50)	PDE

Solubility Information

Solubility	DMSO: 50 mg/mL (118.63 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3725 mL	11.8627 mL	23.7254 mL
5 mM	0.4745 mL	2.3725 mL	4.7451 mL
10 mM	0.2373 mL	1.1863 mL	2.3725 mL
50 mM	0.0475 mL	0.2373 mL	0.4745 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

De La Cruz JP, et al. Differential effects of the pyrimido-pyrimidine derivatives, dipyridamole and mopidamol, on platelet and vascular cyclooxygenase activity. *Biochem Pharmacol.* 1994 Jan 20;47(2):209-15.

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Zacharski LR, et al. Effect of mopidamol on survival in carcinoma of the lung and colon: final report of Veterans Administration Cooperative Study No. 188. *J Natl Cancer Inst.* 1988 Mar 16;80(2):90-7.

Blaha H, et al. Adjuvante Therapie des nicht-kleinzelligen Bronchialkarzinoms mit Mopidamol. *Pneumologie.* 1989 Jun;43(6):299-304.

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