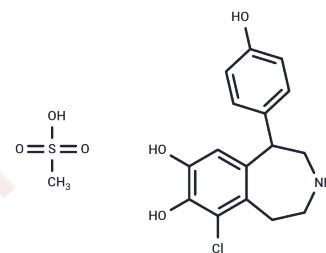


Fenoldopam mesylate

Chemical Properties

CAS No. :	67227-57-0
Formula:	C ₁₆ H ₁₆ ClNO ₃ ·CH ₄ O ₃ S
Molecular Weight:	401.86
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Fenoldopam mesylate (Corlopam mesylate) is a selective dopamine-1 receptor (DA1) agonist with natriuretic/diuretic properties. It lowers blood pressure through arteriolar vasodilation.
Targets(IC50)	Apoptosis, Dopamine Receptor
In vivo	Fenoldopam (20 µg/kg) induced a marked decrease in systolic blood pressure, diastolic blood pressure and heart rate[1].

Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), DMSO: 74 mg/mL (184.14 mM), Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4884 mL	12.4421 mL	24.8843 mL
5 mM	0.4977 mL	2.4884 mL	4.9769 mL
10 mM	0.2488 mL	1.2442 mL	2.4884 mL
50 mM	0.0498 mL	0.2488 mL	0.4977 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

Vernejoul F, et al. Eur J Pharmacol. 2002, 444(3):197-202.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481