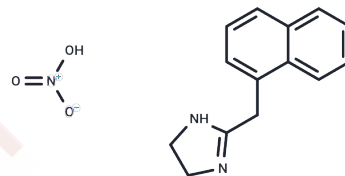


Naphazoline nitrate

Chemical Properties

CAS No. :	5144-52-5
Formula:	C ₁₄ H ₁₅ N ₃ O ₃
Molecular Weight:	273.29
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	Naphazoline nitrate is an α 1-Adrenergic receptor agonist. It also induces autophagy and necrotic cell death in erythroleukemia cells and inhibits erythroid differentiation. It used to treat congestion and ocular pathologies.
Targets(IC50)	Others,Adrenergic Receptor,Interleukin,TNF,VEGFR

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	3.6591 mL	18.2956 mL	36.5912 mL
5 mM	0.7318 mL	3.6591 mL	7.3182 mL
10 mM	0.3659 mL	1.8296 mL	3.6591 mL
50 mM	0.0732 mL	0.3659 mL	0.7318 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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