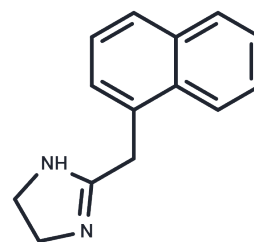


## Naphazoline

## Chemical Properties

CAS No. :	835-31-4
Formula:	C <sub>14</sub> H <sub>14</sub> N <sub>2</sub>
Molecular Weight:	210.27
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	Naphazoline (Naphcon-a) is a sympathomimetic compound with marked alpha adrenergic activity. Naphazoline can be used as a vasoconstrictor with a rapid action in reducing swelling when applied to mucous membrane.
Targets(IC50)	Adrenergic Receptor, Interleukin, TNF, VEGFR

## Solubility Information

Solubility	DMSO: 50 mg/mL (237.79 mM), Sonication is recommended. H <sub>2</sub> O: Insoluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7558 mL	23.779 mL	47.5579 mL
5 mM	0.9512 mL	4.7558 mL	9.5116 mL
10 mM	0.4756 mL	2.3779 mL	4.7558 mL
50 mM	0.0951 mL	0.4756 mL	0.9512 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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