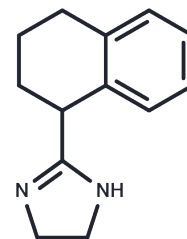


## Tetrahydrozoline

## Chemical Properties

CAS No. :	84-22-0
Formula:	C <sub>13</sub> H <sub>16</sub> N <sub>2</sub>
Molecular Weight:	200.28
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Tetrahydrozoline (Tetryzoline), an alpha agonist, have an effect on the constriction of conjunctival blood vessels. This contributes to relieve the redness of the eye resulted from minor ocular irritants.
Targets(IC50)	Adrenergic Receptor

## Solubility Information

Solubility	DMSO: 45 mg/mL (224.69 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	4.993 mL	24.965 mL	49.9301 mL
5 mM	0.9986 mL	4.993 mL	9.986 mL
10 mM	0.4993 mL	2.4965 mL	4.993 mL
50 mM	0.0999 mL	0.4993 mL	0.9986 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.

## Reference

Dahlström M, et al. J Exp Zool A Comp Exp Biol. 2005 Jul 1;303(7):551-62.

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