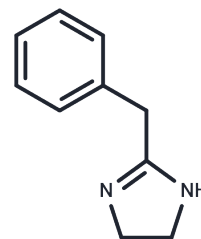


Tolazoline

Chemical Properties

CAS No. :	59-98-3
Formula:	C10H12N2
Molecular Weight:	160.22
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tolazoline (Benzalolin), a non-selective competitive α -adrenergic receptor antagonist, is used as a vasodilator to treat spasms of peripheral blood vessels. It has also been used successfully as an antidote to reverse the severe peripheral vasoconstriction as a result of overdose with certain 5-HT2A agonist drugs.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 55 mg/ml (343.28 mM) H2O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.2414 mL	31.2071 mL	62.4142 mL
5 mM	1.2483 mL	6.2414 mL	12.4828 mL
10 mM	0.6241 mL	3.1207 mL	6.2414 mL
50 mM	0.1248 mL	0.6241 mL	1.2483 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

Casbeer HC, Knych HK. Pharmacokinetics and pharmacodynamic effects of tolazoline following intravenous administration to horses. Vet J. 2013 Jun;196(3):504-9.

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