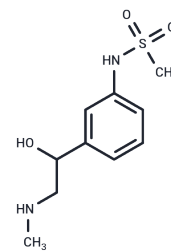


## Amidephrine

## Chemical Properties

CAS No. :	37571-84-9
Formula:	C10H16N2O3S
Molecular Weight:	244.31
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	Amidephrine is an adrenergic agent.
Targets(IC50)	Others, Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0932 mL	20.4658 mL	40.9316 mL
5 mM	0.8186 mL	4.0932 mL	8.1863 mL
10 mM	0.4093 mL	2.0466 mL	4.0932 mL
50 mM	0.0819 mL	0.4093 mL	0.8186 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

Weikel JH Jr, Harper KH. Toxicology of amidephrine mesylate, a vasoconstrictor, nasal decongestant. Toxicol Appl Pharmacol. 1972 Dec;23(4):589-97. PubMed PMID: 4118877.

Kiuchi K, Vatner DE, Uemura N, Bigaud M, Hasebe N, Hempel DM, Graham RM, Vatner SF. Mechanisms of alpha 1-adrenergic vascular desensitization in conscious dogs. Circ Res. 1992 Nov;71(5):1185-99. PubMed PMID: 1356654.

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