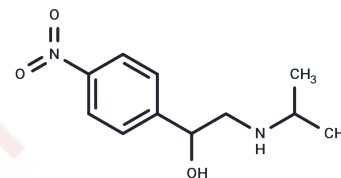


Nifenalol

Chemical Properties

CAS No. :	7413-36-7
Formula:	C ₁₁ H ₁₆ N ₂ O ₃
Molecular Weight:	224.26
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	Nifenalol is an adrenergic beta-blocker with good antiarrhythmic properties. It tends to lower blood pressure and provide protection against angina.
Targets(IC50)	Others, Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4591 mL	22.2955 mL	44.5911 mL
5 mM	0.8918 mL	4.4591 mL	8.9182 mL
10 mM	0.4459 mL	2.2296 mL	4.4591 mL
50 mM	0.0892 mL	0.4459 mL	0.8918 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

- Lemmens-Gruber R, Zilberszac A, Heistracher P. Arrhythmogenic effect of beta-adrenoceptor-blocking drugs in Purkinje fibres of guinea-pig hearts. Arch Int Pharmacodyn Ther. 1996 Jan-Feb;331(1):46-58. PubMed PMID: 8896710.
- Ragazzi E, Frolidi G, Fassina G. Resveratrol activity on guinea pig isolated trachea from normal and albumin-sensitized animals. Pharmacol Res Commun. 1988 Dec;20 Suppl 5:79-82. PubMed PMID: 2907791.
- Ichiyama M, Sada S, Takahashi Y, Sada H, Ban T. Effects of bucumolol, nadolol and nifenalol on maximum upstroke velocity of action potential in guinea pig papillary muscles. Naunyn Schmiedebergs Arch Pharmacol. 1986 Mar;332(3):297-304. PubMed PMID: 2872598.
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