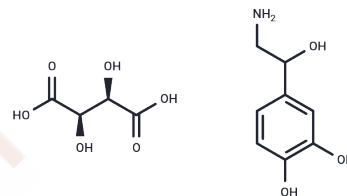


Norepinephrine bitartrate salt

Chemical Properties

CAS No. :	3414-63-9
Formula:	C ₁₂ H ₁₇ NO ₉
Molecular Weight:	319.27
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	Norepinephrine bitartrate salt is an adrenergic neurotransmitter.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	H ₂ O: 100 mg/mL (313.21 mM), Sonication is recommended. DMSO: 250 mg/mL (783.04 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (31.32 mM), Solution. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1321 mL	15.6607 mL	31.3215 mL
5 mM	0.6264 mL	3.1321 mL	6.2643 mL
10 mM	0.3132 mL	1.5661 mL	3.1321 mL
50 mM	0.0626 mL	0.3132 mL	0.6264 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

Haiying Shen, Feng Qu, Yong Xia, et al. Straightforward and Ultrastable Surface Modification of Microfluidic Chips with Norepinephrine Bitartrate Improves Performance in Immunoassays. *Anal Chem.* 2018 Mar 20;90(6):3697-3702.

Mody V , Patel J , Shah S , et al. Compatibility of Norepinephrine Bitartrate with Levofloxacin and Moxifloxacin During Simulated Y-site Administration[J]. *International Journal of Pharmaceutical Compounding*, 2016, 20(3):236.

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