

Nylidrin hydrochloride

Chemical Properties

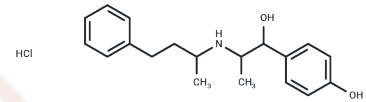
CAS No. : 849-55-8

Formula: C₁₉H₂₆ClNO₂

Molecular Weight: 335.87

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	Nylidrin hydrochloride (Buphenine HCl) was an effective inhibitor of the IgG1-mediated release of histamine from passively sensitized guinea pig lung slices, and of the IgE-mediated release of histamine from passively sensitized rat peritoneal mast cells and human basophils.
Targets(IC50)	Others,Adrenergic Receptor,Histamine Receptor

Solubility Information

Solubility	DMSO: 60 mg/mL (178.64 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	2.9773 mL	14.8867 mL	29.7734 mL
5 mM	0.5955 mL	2.9773 mL	5.9547 mL
10 mM	0.2977 mL	1.4887 mL	2.9773 mL
50 mM	0.0595 mL	0.2977 mL	0.5955 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

Gartz FK, et al. J Am Geriatr Soc. 1979 May;27(5):235-6.

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