

## Nylidrin hydrochloride

## Chemical Properties

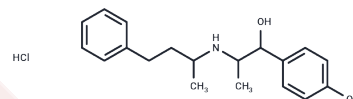
CAS No. : 849-55-8

Formula: C<sub>19</sub>H<sub>26</sub>ClNO<sub>2</sub>

Molecular Weight: 335.87

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## 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(IC <sub>50</sub> )	Adrenergic 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.

## Reference

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

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