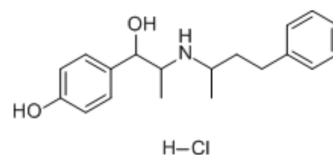


Nylidrin hydrochloride

Cat. No.:	HY-B1404
CAS No.:	849-55-8
Molecular Formula:	C ₁₉ H ₂₆ ClNO ₂
Molecular Weight:	335.87
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 41 mg/mL (122.07 mM)
H₂O : 5 mg/mL (14.89 mM; Need ultrasonic)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	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	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Nylidrin hydrochloride was an effective inhibitor of IgE-mediated release of histamine from passively sensitized rat peritoneal mast cells and human basophils, and of IgG1-mediated release of histamine from passively sensitized guinea pig lung slices.

REFERENCES

[1]. A Khandwala, et al. Antiallergic activity of nylidrin hydrochloride (RHC 3432-A). I. Effect on release of histamine in vitro from rat peritoneal mast cells, guinea pig lung slices and human basophils. International Archives of Allergy & Applied Immunology, 1983, 70 (4)

Caution: Product has not been fully validated for medical applications. For research use only.

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