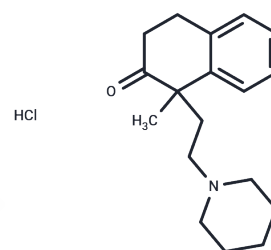


Nepinalone hydrochloride

Chemical Properties

CAS No. :	22443-55-6
Formula:	C ₁₈ H ₂₆ ClNO
Molecular Weight:	307.86
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	Nepinalone hydrochloride, a non-opioid antitussive, is an alchilamate derivative of β -tetralone. This orally active compound effectively suppresses coughing.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2482 mL	16.2411 mL	32.4823 mL
5 mM	0.6496 mL	3.2482 mL	6.4965 mL
10 mM	0.3248 mL	1.6241 mL	3.2482 mL
50 mM	0.065 mL	0.3248 mL	0.6496 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

Braga, et al. AZIONE ANTITOSSE DEGLI ISOMERI LEVO E DESTRO DELL NEPINALONE NEI CONFRONTI DEL RACEMO NELLA CAVIA STIMOLATA CON ACIDO CITRICO. GIMT - Giornale Italiano delle Malattie del Torace, 47(1-2), 17-22.

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