

Nolomirole HCl

Chemical Properties

CAS No. : 138531-51-8

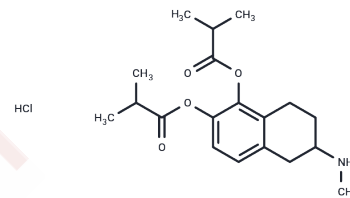
Formula: C₁₉H₂₈ClNO₄

Molecular Weight: 369.88

Store at low temperature

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Nolomirole HCl (CHF 1035) is a novel selective dopamine agonist with oral activity and inhibitory effects on norepinephrine release, which can be used to study mild chronic heart failure.
Targets(IC50)	Adrenergic Receptor, Norepinephrine, Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7036 mL	13.5179 mL	27.0358 mL
5 mM	0.5407 mL	2.7036 mL	5.4072 mL
10 mM	0.2704 mL	1.3518 mL	2.7036 mL
50 mM	0.0541 mL	0.2704 mL	0.5407 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

Savolainen J, Rautio J, Razzetti R, Järvinen T. A novel D2-dopaminergic and alpha2-adrenoceptor receptor agonist induces substantial and prolonged IOP decrease in normotensive rabbits. *J Pharm Pharmacol*. 2003 Jun;55(6):789-94.

Kjaergaard J, et al. Right ventricular dysfunction as an independent predictor of short- and long-term mortality in patients with heart failure. *Eur J Heart Fail*. 2007 Jun-Jul;9(6-7):610-6.

Torp-Pedersen C, et al. A randomised trial of a pre-synaptic stimulator of DA2-dopaminergic and alpha2-adrenergic receptors on morbidity and mortality in patients with heart failure. *Eur J Heart Fail*. 2008 Jan;10(1):89-95.

Cleland JG, Coletta AP, Clark AL, Velavan P, Ingle L. Clinical trials update from the European Society of Cardiology Heart Failure meeting and the American College of Cardiology: darbepoetin alfa study, ECHOS, and ASCOT-BPLA. *Eur J Heart Fail*. 2005 Aug;7(5):937-9. PubMed PMID: 16048744.

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