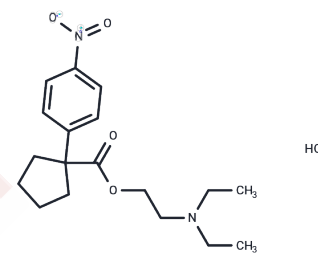


Nitrocaramiphen hydrochloride

Chemical Properties

CAS No. :	98636-73-8
Formula:	C ₁₈ H ₂₇ ClN ₂ O ₄
Molecular Weight:	370.87
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	Nitrocaramiphen hydrochloride, a selective M1 muscarinic antagonist, inhibits binding to sigma sites in the brain.
Targets(IC50)	AChR
In vitro	Nitrocaramiphen hydrochloride binds with high affinity for M1 sites ($K_i = 5.5$ nM) and with a 71-fold selectivity over M2, and a 10-fold selectivity for the M1 over the M3 subtype[1].?

Solubility Information

Solubility	H ₂ O: 10 mM, Sonication is recommended. DMSO: 3.71 mg/mL (10 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6964 mL	13.4818 mL	26.9636 mL
5 mM	0.5393 mL	2.6964 mL	5.3927 mL
10 mM	0.2696 mL	1.3482 mL	2.6964 mL
50 mM	0.0539 mL	0.2696 mL	0.5393 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481