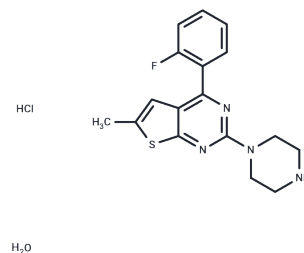


MCI-225 hydrochloride hydrate

Chemical Properties

CAS No. : 476148-82-0
Formula: C₁₇H₂₀ClFN₄O₅
Molecular Weight: 382.88
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	MCI-225 is a norepinephrine reuptake/5-HT ₃ /5-HT reuptake inhibitor. MCI-225 could be effective in the treatment of senile dementia of the Alzheimer type, which is accompanied with both deficit in the BF-cortex cholinergic neuron and cerebral glucose hypometabolism. MCI-225 enhances attentional eye tracking in midpontine pretrigeminal preparation.
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6118 mL	13.0589 mL	26.1178 mL
5 mM	0.5224 mL	2.6118 mL	5.2236 mL
10 mM	0.2612 mL	1.3059 mL	2.6118 mL
50 mM	0.0522 mL	0.2612 mL	0.5224 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

Eguchi J, Inomata Y, Saito K. The anxiolytic-like effect of MCI-225, a selective NA reuptake inhibitor with 5-HT₃ receptor antagonism. Pharmacol Biochem Behav. 2001 Apr;68(4):677-83. PubMed PMID: 11526964.

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:36 Washington Street,Wellesley Hills,MA 02481