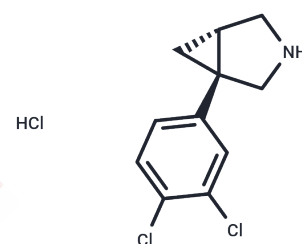


Amitifadine hydrochloride

Chemical Properties

CAS No. : 410074-74-7
 Formula: C₁₁H₁₂Cl₃N
 Molecular Weight: 264.58
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Amitifadine hydrochloride (EB-1010 hydrochloride) is a triple reuptake inhibitor (TRI) or serotonin-norepinephrine-dopamine reuptake inhibitor (SNDRI).
Targets(IC50)	5-HT Receptor, Norepinephrine, Dopamine Receptor, Serotonin Transporter

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7796 mL	18.8979 mL	37.7958 mL
5 mM	0.7559 mL	3.7796 mL	7.5592 mL
10 mM	0.378 mL	1.8898 mL	3.7796 mL
50 mM	0.0756 mL	0.378 mL	0.7559 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

Skolnick P, et al. Eur J Pharmacol. 2003 Feb 14;461(2-3):99-104.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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