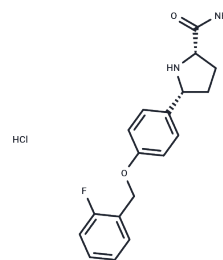


Raxatrigine hydrochloride

Chemical Properties

CAS No. :	934240-31-0
Formula:	C ₁₈ H ₂₀ ClFN ₂ O ₂
Molecular Weight:	350.82
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Raxatrigine hydrochloride is a state-dependent sodium channel blocker and a Nav1.7 sodium channel inhibitor.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 31 mg/mL (88.36 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8505 mL	14.2523 mL	28.5046 mL
5 mM	0.5701 mL	2.8505 mL	5.7009 mL
10 mM	0.285 mL	1.4252 mL	2.8505 mL
50 mM	0.057 mL	0.285 mL	0.5701 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

Large CH, et al. The efficacy of sodium channel blockers to prevent phencyclidine-induced cognitive dysfunction in the rat: potential for novel treatments for schizophrenia. J Pharmacol Exp Ther. 2011 Jul;338(1):100-13.

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