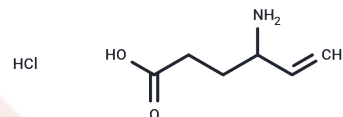


Vigabatrin Hydrochloride

Chemical Properties

CAS No. :	1391054-02-6
Formula:	C ₆ H ₁₁ NO ₂ ·HCl
Molecular Weight:	165.62
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Vigabatrin Hydrochloride (γ-Vinyl-GABA hydrochloride) is a structural analog of the inhibitory neurotransmitter γ-aminobutyric acid (GABA), which irreversibly inhibits the catabolism of GABA by GABA transaminase.
Targets(IC50)	GABA Receptor

Solubility Information

Solubility	DMSO: 27.5 mg/mL (166.04 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0379 mL	30.1896 mL	60.3792 mL
5 mM	1.2076 mL	6.0379 mL	12.0758 mL
10 mM	0.6038 mL	3.019 mL	6.0379 mL
50 mM	0.1208 mL	0.6038 mL	1.2076 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

Tyacke RJ, et al. Adv Pharmacol. 2010;58:373-96.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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