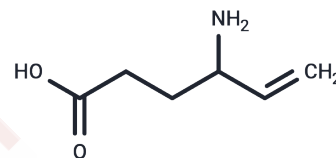


Vigabatrin

Chemical Properties

CAS No. :	60643-86-9
Formula:	C ₆ H ₁₁ NO ₂
Molecular Weight:	129.16
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Vigabatrin (Sabril), an analogue of gamma-aminobutyric acid, is an irreversible inhibitor of 4-aminobutyrate Transaminase responsible for the catabolism of γ-aminobutyric acid.
Targets(IC50)	GABA Receptor,ABC Transporter

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble) H2O: 100 mg/mL (774.23 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	7.7423 mL	38.7117 mL	77.4234 mL
5 mM	1.5485 mL	7.7423 mL	15.4847 mL
10 mM	0.7742 mL	3.8712 mL	7.7423 mL
50 mM	0.1548 mL	0.7742 mL	1.5485 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.

Xiao Y, et al. Vigabatrin versus carbamazepine monotherapy for epilepsy. Cochrane Database Syst Rev. 2015 Nov 18;2015(11):CD008781.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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