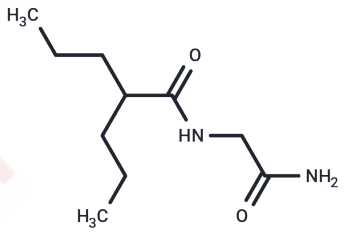
Data Sheet (Cat.No.T3562)

TargetMol

Valrocemide

Chemical Properties



CAS No. : 92262-58-3

Formula: C10H20N2O2

Molecular Weight: 200.28

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Valrocemide (TV1901), also known as TV-1901, is an antiepileptic drug (AED). Valrocemide has a broad spectrum of anticonvulsant activity and promising potential as a new AED. Valrocemide is an anticonvulsant agent under development by Teva and Acorda as a potential therapeutic for the treatment of epilepsy.
Targets(IC50)	Others,Antifungal,Sodium Channel

Solubility Information

Solubility	DMSO: 100 mg/mL (499.3 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (19.97 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.993 mL	24.965 mL	49.9301 mL
5 mM	0.9986 mL	4.993 mL	9.986 mL
10 mM	0.4993 mL	2.4965 mL	4.993 mL
50 mM	0.0999 mL	0.4993 mL	0.9986 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Müller T,et al. CPI-1189. Centaur. Curr Opin Investig Drugs. 2002 Dec;3(12):1763-7.

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