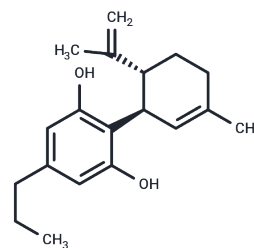


Cannabidivarin

Chemical Properties

CAS No. :	24274-48-4
Formula:	C ₁₉ H ₂₆ O ₂
Molecular Weight:	286.41
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	Cannabidivarin (GWP42006) is a potent inhibitor against gamma 2 subunit of GABA _A receptors. it may serve as a novel drug with definite control over childhood absence epilepsy.
Targets(IC ₅₀)	GABA Receptor

Solubility Information

Solubility	DMSO: 45 mg/mL (157.12 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (34.91 mM),Solution. <i>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.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4915 mL	17.4575 mL	34.915 mL
5 mM	0.6983 mL	3.4915 mL	6.983 mL
10 mM	0.3491 mL	1.7457 mL	3.4915 mL
50 mM	0.0698 mL	0.3491 mL	0.6983 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

AJ Hill, et al. Cannabidivarin is anticonvulsant in mouse and rat. Br J Pharmacol. 2012 Dec;167(8):1629-42.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481