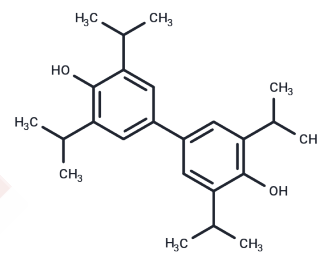


## Dipropofol

## Chemical Properties

CAS No. :	2416-95-7
Formula:	C <sub>24</sub> H <sub>34</sub> O <sub>2</sub>
Molecular Weight:	354.53
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	Dipropofol (4,4-Bis(2,6-di-isopropylphenol)) is a small molecule GABA <sub>A</sub> receptor agonist that can be used to study epilepsy.
Targets(IC50)	Others,GABA Receptor,Antibacterial,Antibiotic

## Solubility Information

Solubility	DMSO: 50 mg/mL (141.03 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	2.8206 mL	14.1032 mL	28.2064 mL
5 mM	0.5641 mL	2.8206 mL	5.6413 mL
10 mM	0.2821 mL	1.4103 mL	2.8206 mL
50 mM	0.0564 mL	0.2821 mL	0.5641 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

Zhang J, et al. Anticonvulsant effect of dipropofol by enhancing native GABA currents in cortical neurons in mice. J Neurophysiol. 2018 Sep 1;120(3):1404-1414.

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