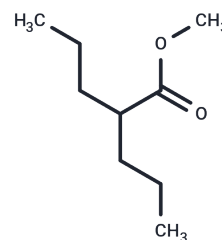


Methyl 2-propylpentanoate

Chemical Properties

CAS No. :	22632-59-3
Formula:	C ₉ H ₁₈ O ₂
Molecular Weight:	158.24
Storage:	Keep away from moisture, Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Methyl 2-propylpentanoate (2-Propylvaleric acid methyl ester) has potential neuroprotective activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3195 mL	31.5976 mL	63.1951 mL
5 mM	1.2639 mL	6.3195 mL	12.639 mL
10 mM	0.632 mL	3.1598 mL	6.3195 mL
50 mM	0.1264 mL	0.632 mL	1.2639 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

Werstuck GH, et al. Examining the correlations between GSK-3 inhibitory properties and anti-convulsant efficacy of valproate and valproate-related compounds. *Bioorg Med Chem Lett.* 2004 Nov 15;14(22):5465-7.

Deutsch J, et al. Valproyl-CoA and esterified valproic acid are not found in brains of rats treated with valproic acid, but the brain concentrations of CoA and acetyl-CoA are altered. *Neurochem Res.* 2003 Jun;28(6):861-6.

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