

Ethyl 2-propylpentanoate

Chemical Properties

CAS No. :	17022-31-0
Formula:	C ₁₀ H ₂₀ O ₂
Molecular Weight:	172.265
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	Ethyl 2-propylpentanoate (Ethyl valproate) has anticonvulsant activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8048 mL	29.0242 mL	58.0484 mL
5 mM	1.161 mL	5.8048 mL	11.6097 mL
10 mM	0.5805 mL	2.9024 mL	5.8048 mL
50 mM	0.1161 mL	0.5805 mL	1.161 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

Spiegelstein O, et al. Structure activity relationship of human microsomal epoxide hydrolase inhibition by amide and acid analogues of valproic acid. Pharm Res. 2000 Feb;17(2):216-21.

Robbins DK, et al. Interaction of valproic acid and some analogues with microsomal epoxide hydrolase. Biochem Pharmacol. 1992 Feb 18;43(4):775-83.

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