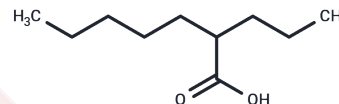


2-Propylheptanoic acid

Chemical Properties

CAS No. :	31080-39-4
Formula:	C ₁₀ H ₂₀ O ₂
Molecular Weight:	172.26
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	2-Propylheptanoic acid (2-N-PROPYL-1-HEPTANOIC ACID) is a structural analogue of valproic acid and a raw material for the production of sorbitol mono(2-propyl)heptyl ester.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8052 mL	29.0259 mL	58.0518 mL
5 mM	1.161 mL	5.8052 mL	11.6104 mL
10 mM	0.5805 mL	2.9026 mL	5.8052 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

- Alarcan J, et al. Investigating the in vitro steatotic mixture effects of similarly and dissimilarly acting test compounds using an adverse outcome pathway-based approach. Arch Toxicol. 2022 Jan;96(1):211-229.
- Chang P, et al. The antiepileptic drug valproic acid and other medium-chain fatty acids acutely reduce phosphoinositide levels independently of inositol in Dictyostelium. Dis Model Mech. 2012 Jan;5(1):115-24.

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