

2-Butylhexanoic acid

Chemical Properties

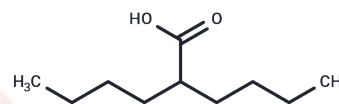
CAS No. : 3115-28-4

Formula: C₁₀H₂₀O₂

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-Butylhexanoic acid is an intermediate in organic synthesis.
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

Brotzmann K, et al. Potential of the zebrafish (*Danio rerio*) embryo test to discriminate between chemicals of similar molecular structure—a study with valproic acid and 14 of its analogues. *Arch Toxicol.* 2022 Nov;96(11):3033-3051.

Gronowitz S, et al. On the syntheses of triacylglycerols from branched saturated fatty acids. *Lipids.* 1997 Jun;32(6):667-73. doi: 10.1007/s11745-997-0085-1.

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