

Cyclohexanebutyric acid

Chemical Properties

CAS No. :	4441-63-8
Formula:	C ₁₀ H ₁₈ O ₂
Molecular Weight:	170.249
Storage:	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	Cyclohexanebutyric acid is an agent of biochemical.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8737 mL	29.3686 mL	58.7372 mL
5 mM	1.1747 mL	5.8737 mL	11.7474 mL
10 mM	0.5874 mL	2.9369 mL	5.8737 mL
50 mM	0.1175 mL	0.5874 mL	1.1747 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

Van Backer JT, Jordan MR, Leahy DT, Moore JS, Callas P, Dominick T, Cataldo PA. Preemptive Analgesia Decreases Pain Following Anorectal Surgery: A Prospective, Randomized, Double-Blinded, Placebo-Controlled Trial. *Dis Colon Rectum*. 2018 Jul;61(7):824-829. doi: 10.1097/DCR.0000000000001069. PubMed PMID: 29771804.

Brandt C, May TW. Extended-release drug formulations for the treatment of epilepsy. *Expert Opin Pharmacother*. 2018 Jun;19(8):843-850. doi: 10.1080/14656566.2018.1465561. Epub 2018 Apr 19. Review. PubMed PMID: 29672177.

Benzi JRL, Yamamoto PA, Stevens JH, Baviera AM, de Moraes NV. The role of organic cation transporter 2 inhibitor cimetidine, experimental diabetes mellitus and metformin on gabapentin pharmacokinetics in rats. *Life Sci*. 2018 May 1;200:63-68. doi: 10.1016/j.lfs.2018.03.012. Epub 2018 Mar 15. PubMed PMID: 29551575.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481