

Cyclohexane, decyl-

Chemical Properties

CAS No.:	1795-16-0
Formula:	C ₁₆ H ₃₂
Molecular Weight:	224.43
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Cyclohexane, decyl- is a biochemical.
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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	4.456 mL	22.279 mL	44.557 mL
5 mM	0.891 mL	4.456 mL	8.911 mL
10 mM	0.446 mL	2.228 mL	4.456 mL
50 mM	0.089 mL	0.446 mL	0.891 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Shu H, Jönsson BA, Gennings C, Svensson Å, Nånberg E, Lindh CH, Knutz M, Takaro TK, Bornehag CG. Temporal trends of phthalate exposures during 2007-2010 in Swedish pregnant women. *J Expo Sci Environ Epidemiol*. 2018 Sep;28(5):437-447. doi: 10.1038/s41370-018-0020-6. Epub 2018 Feb 22. PubMed PMID: 29472621.
2. Cantarero A, Alonso-Alvarez C. Mitochondria-targeted molecules determine the redness of the zebra finch bill. *Biol Lett*. 2017 Oct;13(10). pii: 20170455. doi: 10.1098/rsbl.2017.0455. PubMed PMID: 29070589; PubMed Central PMCID: PMC5665772.
3. Jamal A, Nyrkova I, Mesini P, Militzer S, Reiter G. Solvent-controlled reversible switching between adsorbed self-assembled nanoribbons and nanotubes. *Nanoscale*. 2017 Mar 2;9(9):3293-3303. doi: 10.1039/c6nr08211d. PubMed PMID: 28225113.
4. Abd E, Roberts MS, Grice JE. A Comparison of the Penetration and Permeation of Caffeine into and through Human Epidermis after Application in Various Vesicle Formulations. *Skin Pharmacol Physiol*. 2016;29(1):24-30. doi: 10.1159/000441040. Epub 2015 Nov 6. PubMed PMID: 26540487.

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