

5-Tridecanol

Chemical Properties

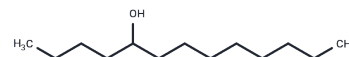
CAS No. : 58783-82-7

Formula: C₁₃H₂₈O

Molecular Weight: 200.36

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	5-Tridecanol blocks ion flux in sodium channels.
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.991 mL	24.9551 mL	49.9102 mL
5 mM	0.9982 mL	4.991 mL	9.982 mL
10 mM	0.4991 mL	2.4955 mL	4.991 mL
50 mM	0.0998 mL	0.4991 mL	0.9982 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

Motteran, F., Nascimento, R.F., Nadai, B.M. et al. Identification of Anionic and Nonionic Surfactant and Recalcitrants Compounds in Commercial Laundry Wastewater by GC-MS Analysis After Anaerobic Fluidized Bed Reactor Treatment. Water Air Soil Pollut 230, 301 (2019).

Rodríguez N, et al. The interaction of homologous series of alkanols with sodium channels in nerve membrane vesicles. J Membr Biol. 1988 Sep;104(2):139-46.

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