

2-methylnonane

Chemical Properties

CAS No. :	871-83-0
Formula:	C ₁₀ H ₂₂
Molecular Weight:	142.282
Storage:	Pure form: -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-methylnonane is a branched alkane used in organic synthesis and biochemical experiments.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.0284 mL	35.142 mL	70.2839 mL
5 mM	1.4057 mL	7.0284 mL	14.0568 mL
10 mM	0.7028 mL	3.5142 mL	7.0284 mL
50 mM	0.1406 mL	0.7028 mL	1.4057 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

Samy RP, et al. Plant-based hydrocarbon esters from *Tragia involucrata* possess antimicrobial and anti-inflammatory activities. *Infect Disord Drug Targets*. 2013 Apr;13(2):141-53.

Rivedal E, et al. Effects of hydrocarbons on transformation and intercellular communication in Syrian hamster embryo cells. *Pharmacol Toxicol*. 1992 Jul;71(1):57-61.

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