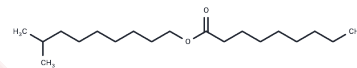


8-Methylnonyl nonanoate

Chemical Properties

CAS No. :	109-32-0
Formula:	C ₁₉ H ₃₈ O ₂
Molecular Weight:	298.5
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	8-Methylnonyl nonanoate is a thickener.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3501 mL	16.7504 mL	33.5008 mL
5 mM	0.670 mL	3.3501 mL	6.7002 mL
10 mM	0.335 mL	1.675 mL	3.3501 mL
50 mM	0.067 mL	0.335 mL	0.670 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

- López, R., et al. Fatigue crack propagation behaviour of carboxyl-terminated polybutadiene solid rocket propellants. *Int J Fract* 223, 3-15 (2020).
- Kumari, D., Balakshe, R., Banerjee, S. et al. Energetic plasticizers for gun & rocket propellants. *Ref. J. Chem.* 2, 240-262 (2012).

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