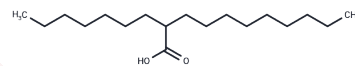


2-heptylundecanoic acid

Chemical Properties

CAS No. :	22890-21-7
Formula:	C ₁₈ H ₃₆ O ₂
Molecular Weight:	284.48
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-heptylundecanoic acid can be used as a fuel lubricity additive and is commonly used in the pharmaceutical and chemical industries.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5152 mL	17.5759 mL	35.1519 mL
5 mM	0.703 mL	3.5152 mL	7.0304 mL
10 mM	0.3515 mL	1.7576 mL	3.5152 mL
50 mM	0.0703 mL	0.3515 mL	0.703 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

Koshima, H., Iyotani, Y., Peng, Q. et al. Study of Friction-Reduction Properties of Fatty Acids and Adsorption Structures of their Langmuir-Blodgett Monolayers using Sum-Frequency Generation Spectroscopy and Atomic Force Microscopy. Tribol Lett 64, 34 (2016).

Iizuka, M., et al. A Macro and Nanoconfined Tribological Study of Linear and Branched Molecules. Tribol Lett 71, 71 (2023).

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