

2-ethylhexyl pentanoate

Chemical Properties

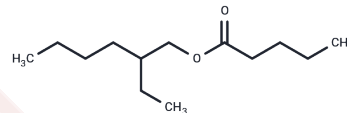
CAS No. : 5451-87-6

Formula: C₁₃H₂₆O₂

Molecular Weight: 214.34

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-ethylhexyl pentanoate (2-ethylhexyl valerate) is an important industrial reagent.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6655 mL	23.3274 mL	46.6548 mL
5 mM	0.9331 mL	4.6655 mL	9.331 mL
10 mM	0.4665 mL	2.3327 mL	4.6655 mL
50 mM	0.0933 mL	0.4665 mL	0.9331 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

Gamboa-Becerra R, et al. Plant growth-promoting and non-promoting rhizobacteria from avocado trees differentially emit volatiles that influence growth of Arabidopsis thaliana. Protoplasma. 2022 Jul;259(4):835-854.

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