

Dodecyl isobutyrate

Chemical Properties

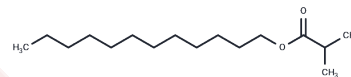
CAS No. : 6624-71-1

Formula: C₁₆H₃₂O₂

Molecular Weight: 256.42

Storage: Store at 4°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dodecyl isobutyrate (Dodecyl 2-methylpropanoate) is a compound found in <i>Jatropha curcas</i> that causes an escape reaction in thrips.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8999 mL	19.4993 mL	38.9985 mL
5 mM	0.780 mL	3.8999 mL	7.7997 mL
10 mM	0.390 mL	1.9499 mL	3.8999 mL
50 mM	0.078 mL	0.390 mL	0.780 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

Simons K, et al. Lipid rafts and signal transduction. *Nat Rev Mol Cell Biol.* 2000 Oct;1(1):31-9.

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