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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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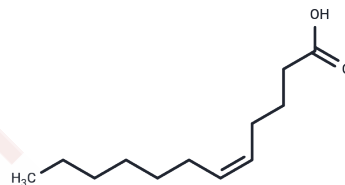
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Cis-5-Dodecenoic Acid

Chemical Properties

CAS No. : 2430-94-6
Formula: C₁₂H₂₂O₂
Molecular Weight: 198.3
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Cis-5-Dodecenoic Acid is a monounsaturated fatty acid that has a C12 chain as a backbone and a cis double bond at the C5 position.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (252.14 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0429 mL	25.2143 mL	50.4286 mL
5 mM	1.0086 mL	5.0429 mL	10.0857 mL
10 mM	0.5043 mL	2.5214 mL	5.0429 mL
50 mM	0.1009 mL	0.5043 mL	1.0086 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.

Reference

Henry G E , Momin R A , Nair M G , et al. Antioxidant and Cyclooxygenase Activities of Fatty Acids Found in Food[J]. Journal of Agricultural & Food Chemistry, 2002, 50(8):2231-2234.

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