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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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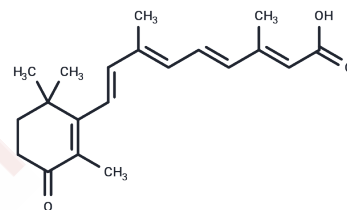
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all-trans-4-Oxoretinoic acid

Chemical Properties

CAS No. : 38030-57-8
 Formula: C₂₀H₂₆O₃
 Molecular Weight: 314.42
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	all-trans-4-Oxoretinoic acid (all-trans 4-Keto Retinoic Acid) is an active metabolite of vitamin A.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 150 mg/mL (477.07 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1805 mL	15.9023 mL	31.8046 mL
5 mM	0.6361 mL	3.1805 mL	6.3609 mL
10 mM	0.318 mL	1.5902 mL	3.1805 mL
50 mM	0.0636 mL	0.318 mL	0.6361 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

Eckhoff C, Nau H. Identification and quantitation of all-trans- and 13-cis-retinoic acid and 13-cis-4-oxoretinoic acid in human plasma[J]. Lipid Res. 1990 Aug;31(8):1445-54.

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