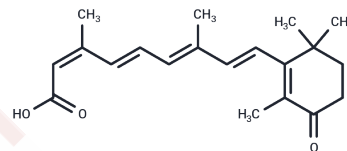


4-Oxoisotretinoin

Chemical Properties

CAS No. :	71748-58-8
Formula:	C ₂₀ H ₂₆ O ₃
Molecular Weight:	314.42
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	4-Oxoisotretinoin (Ro 22-6595) is the major blood metabolite.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 55 mg/mL (174.93 mM),Sonication is recommended. (< 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.

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

Lucio Vilar, et al. The Role of Isotretinoin Therapy for Cushing's Disease: Results of a Prospective Study. International Journal of Endocrinology Volume 2016, 9.

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