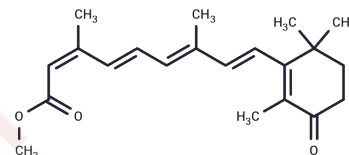


Methyl 13-cis-4-Oxoretinoate

Chemical Properties

CAS No. :	71748-57-7
Formula:	C ₂₁ H ₂₈ O ₃
Molecular Weight:	328.45
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	Methyl 13-cis-4-Oxoretinoate (13-cis-4-Oxo-retinoic acid Methyl Ester) is a retinoic acid metabolite in neuroblastoma.
Targets(IC50)	Others, Retinoid Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (152.23 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	3.0446 mL	15.223 mL	30.446 mL
5 mM	0.6089 mL	3.0446 mL	6.0892 mL
10 mM	0.3045 mL	1.5223 mL	3.0446 mL
50 mM	0.0609 mL	0.3045 mL	0.6089 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

Barua, A., & Olsen, J. (1984). Synthesis of 4, 4-difluoro analogs of retinol and retinoic acid. J Lipid Res, 25(3), 304-9.

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