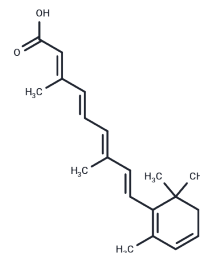


all-trans-3,4-Didehydro retinoic acid

Chemical Properties

CAS No. :	4159-20-0
Formula:	C ₂₀ H ₂₆ O ₂
Molecular Weight:	298.42
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	All-trans-3,4-Didehydro retinoic acid (3,4-DHRA) is an active compound that regulates gene expression by binding to retinoic acid receptors (RAR), subsequently activating them. It plays a crucial role in the development and differentiation of the skin, offering potential anti-tumor and anti-inflammatory properties. Additionally, all-trans-3,4-Didehydro retinoic acid is under investigation for its ability to suppress various diseases, including skin disorders and certain types of cancer.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.351 mL	16.7549 mL	33.5098 mL
5 mM	0.6702 mL	3.351 mL	6.702 mL
10 mM	0.3351 mL	1.6755 mL	3.351 mL
50 mM	0.067 mL	0.3351 mL	0.6702 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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