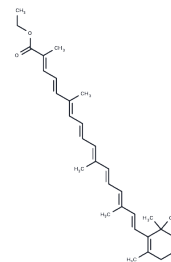


Ethyl 8'-apo-caroten-8'-oate

Chemical Properties

CAS No. :	1109-11-1
Formula:	C32H44O2
Molecular Weight:	460.69
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	Ethyl 8'-apo-caroten-8'-oate serves as a versatile dye used across various domains. In biological experiments, this compound assists in observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its use extends beyond basic scientific research to include clinical diagnostics, textile dyeing, functional textile processing, food pigments, and dye-sensitized solar cells, showcasing its broad application in both traditional and emerging fields.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1707 mL	10.8533 mL	21.7066 mL
5 mM	0.4341 mL	2.1707 mL	4.3413 mL
10 mM	0.2171 mL	1.0853 mL	2.1707 mL
50 mM	0.0434 mL	0.2171 mL	0.4341 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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