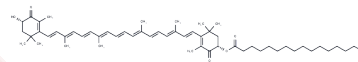


Astaxanthin monopalmitate

Chemical Properties

CAS No. :	123159-02-4
Formula:	C56H82O5
Molecular Weight:	835.25
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	Astaxanthin monopalmitate (Astaxanthin palmitate) is an esterified form of astaxanthin, a type of carotenoid. Upon degradation, Astaxanthin monopalmitate yields a mixture of free and palmitate apo-astaxanthins. Carotenoids possess significant biological activity and may play roles in regulating cell differentiation, growth control, photoprotection, membrane stability, photosynthesis, vision, and nutrition.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1972 mL	5.9862 mL	11.9725 mL
5 mM	0.2394 mL	1.1972 mL	2.3945 mL
10 mM	0.1197 mL	0.5986 mL	1.1972 mL
50 mM	0.0239 mL	0.1197 mL	0.2394 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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