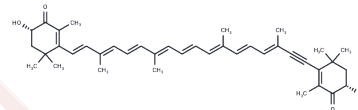


7,8-Didehydroastaxanthin

Chemical Properties

CAS No. :	19866-02-5
Formula:	C40H50O4
Molecular Weight:	594.82
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	7,8-Didehydroastaxanthin is the primary carotenoid found in the crown-of-thorns starfish. It is an oxidized metabolite of diatoxanthin. Carotenoids are crucial for biological activity and may play roles in regulating cell differentiation, growth control, photooxidative protection, membrane stability, photosynthesis, visual processes, and nutrition.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6812 mL	8.4059 mL	16.8118 mL
5 mM	0.3362 mL	1.6812 mL	3.3624 mL
10 mM	0.1681 mL	0.8406 mL	1.6812 mL
50 mM	0.0336 mL	0.1681 mL	0.3362 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481