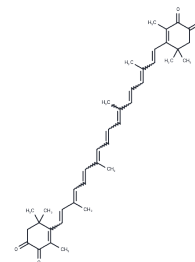


## Astacene

## Chemical Properties

CAS No. :	514-76-1
Formula:	C40H48O4
Molecular Weight:	592.81
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	Astacene is a key secondary carotenoid that can be extracted from the skin of goldfish and other species. It is an oxidation product of astaxanthin. Carotenoids possess significant biological activity and may play a role in cellular differentiation, growth regulation, photoprotection, membrane stability, photosynthesis, vision processes, and nutrition.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6869 mL	8.4344 mL	16.8688 mL
5 mM	0.3374 mL	1.6869 mL	3.3738 mL
10 mM	0.1687 mL	0.8434 mL	1.6869 mL
50 mM	0.0337 mL	0.1687 mL	0.3374 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