

## (rac./meso)-Astaxanthin

## Chemical Properties

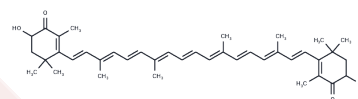
CAS No. : 7542-45-2

Formula: C<sub>40</sub>H<sub>52</sub>O<sub>4</sub>

Molecular Weight: 596.84

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	(rac./meso)-Astaxanthin (AstaREAL; AstaXin) is a carotenoid pigment primarily found in marine animals such as shrimp and salmon. It serves as an effective fat-soluble antioxidant.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6755 mL	8.3775 mL	16.7549 mL
5 mM	0.3351 mL	1.6755 mL	3.351 mL
10 mM	0.1675 mL	0.8377 mL	1.6755 mL
50 mM	0.0335 mL	0.1675 mL	0.3351 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.

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