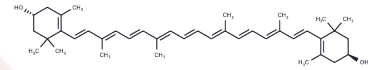


meso-Zeaxanthin

Chemical Properties

CAS No. :	31272-50-1
Formula:	C40H56O2
Molecular Weight:	568.871
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	meso-Zeaxanthin accumulates in the central retina and, together with lutein and zeaxanthin, forms the macular pigment, which functions as a light filter. meso-Zeaxanthin can quench reactive oxygen species (ROS), thereby exhibiting antioxidant properties.
Targets(IC50)	Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7579 mL	8.7894 mL	17.5787 mL
5 mM	0.3516 mL	1.7579 mL	3.5157 mL
10 mM	0.1758 mL	0.8789 mL	1.7579 mL
50 mM	0.0352 mL	0.1758 mL	0.3516 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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