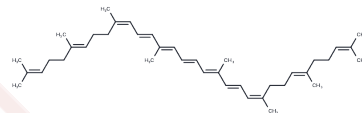


## ζ-Carotene

## Chemical Properties

CAS No. :	72746-33-9
Formula:	C40H60
Molecular Weight:	540.90
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	ζ-Carotene is a type of carotenoid that serves as a crucial intermediate in the carotenoid biosynthesis pathway. Carotenoids possess significant biological activity and may play roles in regulating cell differentiation, controlling growth, offering photoprotection, maintaining cell membrane stability, contributing to photosynthesis, supporting visual processes, and providing nutritional benefits.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8488 mL	9.2439 mL	18.4877 mL
5 mM	0.3698 mL	1.8488 mL	3.6975 mL
10 mM	0.1849 mL	0.9244 mL	1.8488 mL
50 mM	0.037 mL	0.1849 mL	0.3698 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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