

Phytoene

Chemical Properties

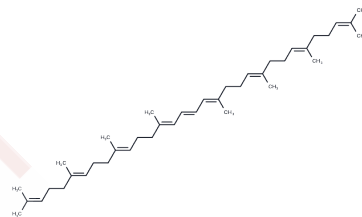
CAS No. : 540-04-5

Formula: C₄₀H₆₄

Molecular Weight: 544.94

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	Phytoene possesses potential antioxidant, chemopreventive, and anti-inflammatory properties.
Targets(IC50)	ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8351 mL	9.1753 mL	18.3506 mL
5 mM	0.367 mL	1.8351 mL	3.6701 mL
10 mM	0.1835 mL	0.9175 mL	1.8351 mL
50 mM	0.0367 mL	0.1835 mL	0.367 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481