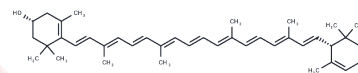


α -Cryptoxanthin

Chemical Properties

CAS No. :	24480-38-4
Formula:	C ₄₀ H ₅₆ O
Molecular Weight:	552.87
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	α -Cryptoxanthin is a natural carotenoid known for its anticancer properties. It inhibits the efflux pump mediated by multidrug resistance 1 (MDR1).
Targets(IC50)	P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8087 mL	9.0437 mL	18.0874 mL
5 mM	0.3617 mL	1.8087 mL	3.6175 mL
10 mM	0.1809 mL	0.9044 mL	1.8087 mL
50 mM	0.0362 mL	0.1809 mL	0.3617 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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