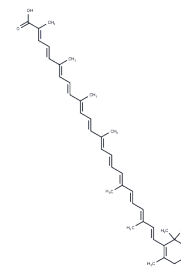


Torularhodin

Chemical Properties

CAS No. :	514-92-1
Formula:	C ₄₀ H ₅₂ O ₂
Molecular Weight:	564.84
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	Torularhodin is a carotenoid with antitumor properties. It can induce apoptosis in tumor cells and is applicable in prostate cancer research.
Targets(IC50)	Apoptosis
In vivo	Torularhodin, administered orally at 9-18 mg/kg daily for 10 weeks, suppresses prostate cancer growth in nude mice, with indications that this effect is associated with tumor cell apoptosis.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7704 mL	8.8521 mL	17.7041 mL
5 mM	0.3541 mL	1.7704 mL	3.5408 mL
10 mM	0.177 mL	0.8852 mL	1.7704 mL
50 mM	0.0354 mL	0.177 mL	0.3541 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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