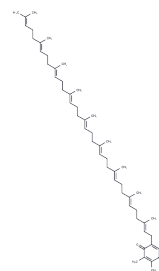


Plastoquinone

Chemical Properties

CAS No. :	4299-57-4
Formula:	C ₅₃ H ₈₀ O ₂
Molecular Weight:	749.20
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	Plastoquinone is a polyunsaturated side-chain quinone derivative which is an important link in the electron transport chain of green plants during the photosynthetic conversion of light energy by photophosphorylation into the potential energy of chemical bonds.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3348 mL	6.6738 mL	13.3476 mL
5 mM	0.267 mL	1.3348 mL	2.6695 mL
10 mM	0.1335 mL	0.6674 mL	1.3348 mL
50 mM	0.0267 mL	0.1335 mL	0.267 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.

Reference

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