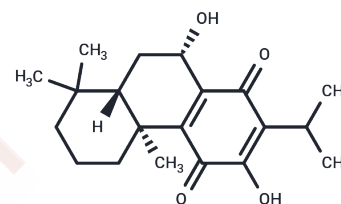


Taxoquinone

Chemical Properties

CAS No. :	21764-41-0
Formula:	C ₂₀ H ₂₈ O ₄
Molecular Weight:	332.43
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	Taxoquinone has strong antibacterial effect, it could be used as a promising antibacterial agent in food industry to inhibit the growth of certain important foodborne pathogens. It (100 ug/disc) displays potential anticandidal effect against <i>Candida albicans</i> . Taxoquinone has significant and concentration-dependent antioxidant and free radical scavenging activities, it could as a novel candidate in food and medicine industry as a natural alternative medicine to prevent diabetes mellitus type-2 related disorders and as a depigmentation agent.
Targets(IC50)	Antifection, Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0082 mL	15.0408 mL	30.0815 mL
5 mM	0.6016 mL	3.0082 mL	6.0163 mL
10 mM	0.3008 mL	1.5041 mL	3.0082 mL
50 mM	0.0602 mL	0.3008 mL	0.6016 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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