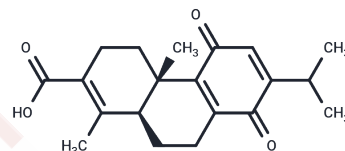


Triptoquinone A

Chemical Properties

CAS No. :	142950-86-5
Formula:	C ₂₀ H ₂₄ O ₄
Molecular Weight:	328.4
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	Triptoquinone A may be a useful candidate for the development of a drug as a potent inhibitor of iNOS gene over-expression. Triptoquinone A has anti-inflammatory activity, it prevents endotoxin-or interleukin-1 beta-promoted induction of nitric oxide synthase in vascular smooth muscle, thus inhibiting development of L-arginine-induced vasorelaxation.
Targets(IC50)	NOS,IL Receptor,Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0451 mL	15.2253 mL	30.4507 mL
5 mM	0.609 mL	3.0451 mL	6.0901 mL
10 mM	0.3045 mL	1.5225 mL	3.0451 mL
50 mM	0.0609 mL	0.3045 mL	0.609 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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