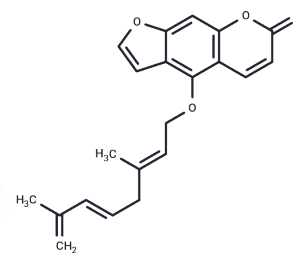


Anhydronotoptol

Chemical Properties

CAS No. :	88206-51-3
Formula:	C ₂₁ H ₂₀ O ₄
Molecular Weight:	336.38
Storage:	Keep away from direct sunlight, Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Anhydronotoptol (4-[[[(2E,5E)-3,7-dimethylocta-2,5,7-trien-1-yl]oxy]-7H-furo[3,2-g]chromen-7-one), a natural compound extracted from the umbelliferae plant Qiangwu, is a potent inhibitor of nitric oxide production, inhibiting LPS-induced NO production in RAW 264.7 cells with an IC ₅₀ value of 36.6 μM.
Targets(IC ₅₀)	NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9728 mL	14.8641 mL	29.7283 mL
5 mM	0.5946 mL	2.9728 mL	5.9457 mL
10 mM	0.2973 mL	1.4864 mL	2.9728 mL
50 mM	0.0595 mL	0.2973 mL	0.5946 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

Zheng X, et al. Nitric oxide inhibitory coumarins from the roots and rhizomes of *Notopterygium incisum*. *Fitoterapia*. 2018;131:65-72.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481