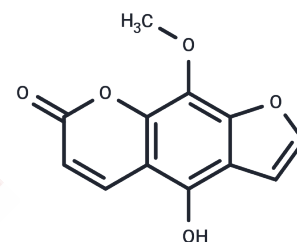


5-Hydroxy-8-methoxypsoralen

Chemical Properties

CAS No. :	7471-73-0
Formula:	C ₁₂ H ₈ O ₅
Molecular Weight:	232.191
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	5-Hydroxy-8-methoxypsoralen (5-Hydroxyxanthotoxin) is a potent tricyclic furocoumarin suicide inhibitor of CYP (cytochrome P-450) and a metabolite of Xanthotoxin. It is used in the treatment of psoriasis, eczema, vitiligo, and certain cutaneous lymphomas in combination with phototherapy involving exposure to sunlight.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3068 mL	21.5341 mL	43.0682 mL
5 mM	0.8614 mL	4.3068 mL	8.6136 mL
10 mM	0.4307 mL	2.1534 mL	4.3068 mL
50 mM	0.0861 mL	0.4307 mL	0.8614 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

Alsharari SD, et al. Pharmacokinetic and Pharmacodynamics Studies of Nicotine After Oral Administration in Mice: Effects of Methoxsalen, a CYP2A5/6 Inhibitor. *Nicotine Tob Res.* 2014 Jan;16(1):18-25.

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