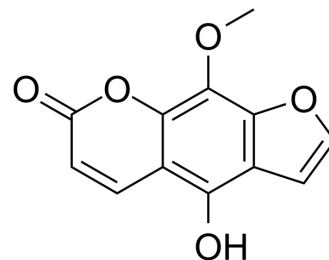


## 5-Hydroxy-8-methoxypsoralen

Cat. No.:	HY-134039
CAS No.:	7471-73-0
Molecular Formula:	C <sub>12</sub> H <sub>8</sub> O <sub>5</sub>
Molecular Weight:	232.19
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

5-Hydroxy-8-methoxypsoralen (5-Hydroxyxanthotoxin) is a metabolite of Xanthotoxin. Xanthotoxin is a potent tricyclic furocoumarin suicide inhibitor of CYP (cytochrome P-450), is an agent used to treat psoriasis, eczema, vitiligo and some cutaneous Lymphomas in conjunction with exposing the skin to sunlight<sup>[1]</sup>.

### REFERENCES

[1]. 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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