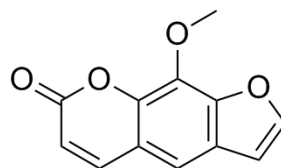


Product Name : Methoxsalen
Synonyms : 8-Methoxypsoralen;Xanthotoxin;8-MOP
Cat No. : M13918
CAS Number : 298-81-7
Molecular Formula : C₁₂H₈O₄
Formula Weight : 216.19
Chemical Name : 7H-Furo[3,2-g][1]benzopyran-7-one, 9-methoxy-



Description : A potent tricyclic furocoumarin suicide that used to treat psoriasis, eczema, vitiligo and some cutaneous lymphomas in conjunction with exposing the skin to sunlight; inhibits human CYP2A6 and mouse CYP2A5, inhibits nicotine metabolism and alters the behavioral effects of nicotine in the mouse; also induces Ca²⁺ entry in MG63 human osteosarcoma cells. Blood Cancer Approved

Pathway : Metabolic Enzyme/Protease

Target : CYPs

Receptor : DNA

Solubility : 10 mM in DMSO

SMILES : O=C1C=CC2=CC3=C(OC=C3)C(OC)=C2O1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Lu YC, et al. Chin J Physiol. 2017 Jun 30;60(3):174-182. | 2. Alsharari SD, et al. Nicotine Tob Res. 2014 Jan;16(1):18-25. | 3. Bagdas D, et al. Neuropharmacology. 2014 Oct;85:67-72.