



Formula: C₁₂H₈O₄

MW: 216.19

CAS: 298-81-7

MDL: MFCD00005009

TNP: TNP00455

2-g)(1)benzopyran-7-one,9-methoxy-7h-furo(; 2-g)[1]benzopyran-7-one,9-methoxy-7h-furo[;
5-Benzofuranacrylic acid, 6-hydroxy-7-methoxy-, delta-lactone;
5-Benzofuranacrylicacid,6-hydroxy-7-methoxy-,d-lactone;
6-Hydroxy-7-methoxy-5-benzofuranacrylic acid gamma-l



LogP: -0.6

LogS: -2.3

Acceptors: 4

Donors: 0

Rotation Bonds: 1

Chiral Centers: 0

N+O: 4

LIPINSKY: 4

Info: 8-Methoxypsoralen 99% 8-Methoxypsoralen (8-MOP) is a natural plant biosynthetic metabolite found in produce

IUPAC: 9-methoxyfurano[3,2-g]chromen-2-one

Smiles: c12c(c3occc3cc2ccc(o1)=O)OC

Specification: Intermediates & Fine Chemicals; Pharmaceuticals; Cytochrome P450 isozyme
8-Methoxypsoralen Chemical Properties:

mp 148-150 C(lit.) Water Solubility PRACTICALLY INSOLUBLE Merck 14,5988 BRN 196453
CAS DataBase Reference298-81-7(CAS DataBase Reference) NIST Chemistry
ReferenceMethoxsalen(298-81-7) EPA Substance Registry System7H-Furo[3,2-g][1]
benzopyran-7-one, 9-methoxy-(298-81-7) Safety Information Hazard Codes Xn,T Risk
Statements 22-43-46-45-34 Safety Statements 36/37-53-45-36/37/39-26 RIDADR 3216 WGK
Germany 3 RTECS LV1400000 F 10 Hazardous Substances Data298-81-7(Hazardous
Substances Data) Methoxsalen English 8-Methoxypsoralen Usage And Synthesis Chemical
Properties:

Crystalline Solid UsageNaturally occurring analog of psoralen. Use in treatment of psoriasis and
mycosis fungoides General DescriptionOdorless white to cream-colored crystalline solid. Bitter
taste followed by tingling sensation. Air & Water ReactionsSensitive to light and air. Insoluble in
water. Reactivity Profile8-Methoxypsoralen is incompatible with strong oxidizing agents. Fire
HazardFlash point data for 8-Methoxypsoralen are not available; however, 8-Methoxypsoralen
is probably combustible. 8-Methoxypsoralen