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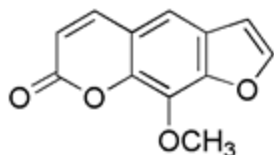
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 22995

Product

8-Methoxypsoralen (Xanthotoxin)

9-Methoxy-7*H*-furo[3,2-*g*][1]benzopyran-7-one

Xanthotoxin

CAS Number 298-81-7

Molecular Formula C₁₂H₈O₄

Molecular Weight 216.2

Appearance White crystalline powder

Solubility Freely soluble in chloroform; soluble in boiling alcohol, in acetone, in acetic acid, in propylene glycol, and in benzene; sparingly soluble in boiling water and in ether Practically insoluble in water.

Melting Point 143 - 148 °C

Heavy Metals ≤ 20 ppm

Water Content (Karl Fisher) ≤ 0.5%

Infrared Spectrum Conforms to structure

Residual Solvents
Hexane : ≤ 290 ppm
Toluene : ≤ 890 ppm
Methanol : ≤ 3000 ppm

Related Substances Chromatographic impurity : ≤ 1%

Residue On Ignition ≤ 0.1%

Purity by HPLC 98 - 102%

Grade USP

Storage Store at 0 - 8 °C

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For Laboratory Use Only