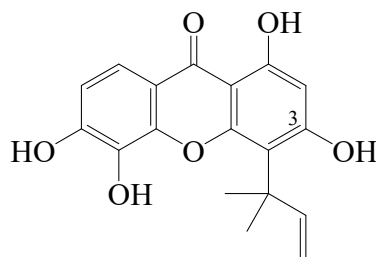




>>Entry Name: 4-(1,1-Dimethyl-2-propenyl)-1,3,5,6-tetrahydroxyxanthone

Synonym(s): 4-(1,1-Dimethyl-2-propenyl)-1,3,5,6-tetrahydroxy-9*H*-xanthen-9-one. **Assiguxanthone A**. Isocudraniaxanthone A



CAS Registry Number: 197447-26-0

Type of Compound Code(s): VG0554

Molecular Formula: C₁₈H₁₆O₆

Molecular Weight: 328.321

Accurate Mass: 328.09469

Percentage Composition: C 65.85%; H 4.91%; O 29.24%

Biological Source: Constit. of the roots of *Maclura cochinchinensis* and stem bark of *Garcinia assigu*

Physical Description: Yellow powder

UV: [neutral] λ_{max} 253 (log ε 4.2); 286 (sh) (); 328 (log ε 3.83) (MeOH)

>>Derivative: 3-Me ether

Synonym(s): 4-(1,1-Dimethyl-2-propenyl)-1,5,6-trihydroxy-3-methoxyxanthone. **Isocudraniaxanthone B**

CAS Registry Number: 199851-52-0

Type of Compound Code(s): VG0554

Molecular Formula: C₁₉H₁₈O₆

Molecular Weight: 342.348

Accurate Mass: 342.11034

Percentage Composition: C 66.66%; H 5.30%; O 28.04%

Biological Source: Constit. of the roots of *Maclura cochinchinensis*

Physical Description: Yellow powder

UV: [neutral] λ_{max} 254 (log ε 4.26); 285 (sh) (); 328 (log ε 3.85) (MeOH)

References:

Kobayashi, M. *et al.*, *Chem. Pharm. Bull.*, 1997, **45**, 1615-1619, (*isol, uv, ir, pmr, cmr*)