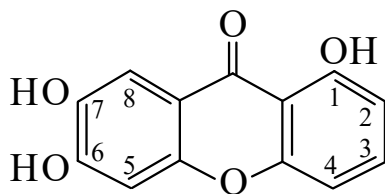




>>Entry Name: 1,6,7-Trihydroxyxanthone

Synonym(s): 1,6,7-Trihydroxy-9*H*-xanthen-9-one, 9Cl



CAS Registry Number: 25577-04-2

Molecular Formula: C₁₃H₈O₅

Molecular Weight: 244.203

Accurate Mass: 244.037175

Percentage Composition: C 63.94%; H 3.30%; O 32.76%

Biological Source: Constit. of *Garcinia eugeniifolia* and *Mammea africana*

Physical Description: Yellow needles (MeOH or EtOAc)

Melting Point: Mp 283-287°. Mp 258-260°

>>Derivative: Tri-Ac

Molecular Formula: C₁₉H₁₄O₈

Molecular Weight: 370.315

Accurate Mass: 370.06887

Percentage Composition: C 61.63%; H 3.81%; O 34.56%

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 226-227°

>>Derivative: 1-Me ether

Molecular Formula: C₁₄H₁₀O₅

Molecular Weight: 258.23

Accurate Mass: 258.052825

Percentage Composition: C 65.12%; H 3.90%; O 30.98%

Physical Description: Needles (EtOH)

Other Data: Dec. at 249-51°

>>Derivative: 6-Me ether

Synonym(s): 1,7-Dihydroxy-6-methoxyxanthone

CAS Registry Number: 42833-91-0

Molecular Formula: C₁₄H₁₀O₅

Molecular Weight: 258.23

Accurate Mass: 258.052825

Percentage Composition: C 65.12%; H 3.90%; O 30.98%

Biological Source: Constit. of *Tovomita excelsa*

Melting Point: Mp 265-268°

>>Derivative: 7-Me ether

Synonym(s): 1,6-Dihydroxy-7-methoxyxanthone

Molecular Formula: C₁₄H₁₀O₅

Molecular Weight: 258.23

Accurate Mass: 258.052825

Percentage Composition: C 65.12%; H 3.90%; O 30.98%

Biological Source: Constit. of *Poeciloneuron pauciflorum* and *Vismia latifolia*

Physical Description: Pale yellow powder