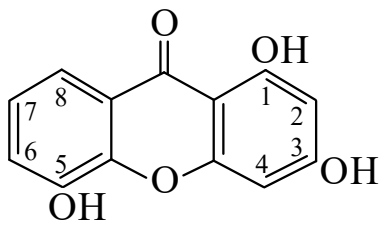
>>**Entry Name: 1,3,5-Trihydroxyxanthone**
Synonym(s): 1,3,5-Trihydroxy-9*H*-xanthen-9-one, 9Cl



CAS Registry Number: 6732-85-0

Molecular Formula: $C_{13}H_8O_5$
Molecular Weight: 244.203
Accurate Mass: 244.037175
Percentage Composition: C 63.94%; H 3.30%; O 32.76%
Biological Source: Constit. of the heartwood of *Allanblackia floribunda*
Physical Description: Powder ($CHCl_3$/MeOH) passing into cubes at 240°
Melting Point: Mp 255°. Mp 296-300 302-305° dec.°
Boiling Point: $Bp_{0.1}$ 170° subl.
UV: [neutral] λ_{max} 245 (); 314 (); 338 () (EtOH) (Berdy)

>>**Derivative:** Tri-Ac

Molecular Formula: $C_{19}H_{14}O_8$
Molecular Weight: 370.315
Accurate Mass: 370.06887
Percentage Composition: C 61.63%; H 3.81%; O 34.56%
Physical Description: Rectangular plates (EtOH)
Melting Point: Mp 204°

>>**Derivative:** 1-Me ether
Synonym(s): 3,5-Dihydroxy-1-methoxyxanthone

CAS Registry Number: 61243-72-9

Molecular Formula: $C_{14}H_{10}O_5$
Molecular Weight: 258.23
Accurate Mass: 258.052825
Percentage Composition: C 65.12%; H 3.90%; O 30.98%
Biological Source: Constit. of *Canscora decussata*
Physical Description: Light brown needles (MeOH)
Melting Point: Mp 355-357°

>>**Derivative:** 1-Me ether, 3-*O*-[α-L-rhamnopyranosyl-(1→6)-β-D-glucopyranoside]

Molecular Formula: $C_{26}H_{30}O_{15}$
Molecular Weight: 582.514
Accurate Mass: 582.158475
Percentage Composition: C 53.61%; H 5.19%; O 41.20%
Source/Synthesis: Constit. of *Canscora decussata*
Physical Description: Needles
Melting Point: Mp 252-255°

>>**Derivative:** 3-Me ether
Synonym(s): 1,5-Dihydroxy-3-methoxyxanthone. **Mesuaxanthone A**

CAS Registry Number: 3561-81-7

Molecular Formula: $C_{14}H_{10}O_5$
Molecular Weight: 258.23
Accurate Mass: 258.052825
Percentage Composition: C 65.12%; H 3.90%; O 30.98%
Biological Source: Found in *Kielmeyera* spp. and *Mesua ferrea*
Physical Description: Yellow plates (MeOH)
Melting Point: Mp 269-271°