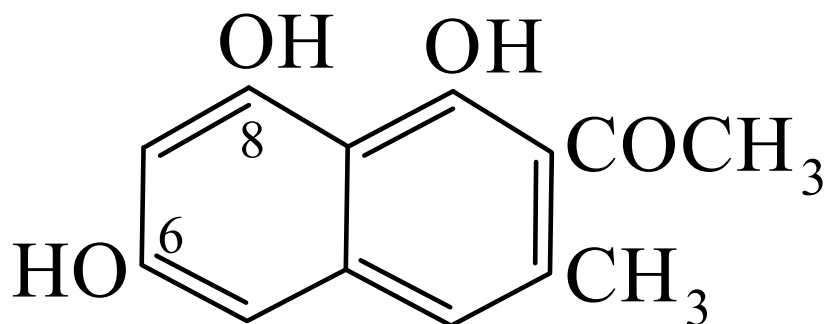




>>Entry Name: 2-Acetyl-1,6,8-trihydroxy-3-methylnaphthalene

Synonym(s): 1-(1,6,8-Trihydroxy-3-methyl-2-naphthalenyl)ethanone, 9Cl. 1',6',8'-Trihydroxy-3'-methyl-2'-acetophenone, 8Cl. 6-Hydroxymusizin



CAS Registry Number: 23520-25-4

Molecular Formula:  $C_{13}H_{12}O_4$

Molecular Weight: 232.235

Accurate Mass: 232.07356

Percentage Composition: C 67.23%; H 5.21%; O 27.56%

>>Derivative: 8-O- $\beta$ -D-Glucopyranoside

CAS Registry Number: 23566-96-3

Molecular Formula:  $C_{19}H_{22}O_9$

Molecular Weight: 394.377

Accurate Mass: 394.126385

Percentage Composition: C 57.87%; H 5.62%; O 36.51%

Biological Source: Isol. from the aphid *Aphis nerii*, pods of *Cassia senna* and rhubarb Rhei rhizoma

Physical Description: Needles (EtOAc)

Melting Point: Mp 214-215° (207°)

>>Derivative: 6-Me ether

Synonym(s): 2-Acetyl-1,8-dihydroxy-6-methoxy-3-methylnaphthalene. **Torachrysone**. Nakahalene

CAS Registry Number: 22649-04-3

Molecular Formula:  $C_{14}H_{14}O_4$

Molecular Weight: 246.262

Accurate Mass: 246.08921

Percentage Composition: C 68.28%; H 5.73%; O 25.99%

Physical Description: Yellow needles ( $C_6H_6$ )

Melting Point: Mp 214-215 dec.° (207-208°)