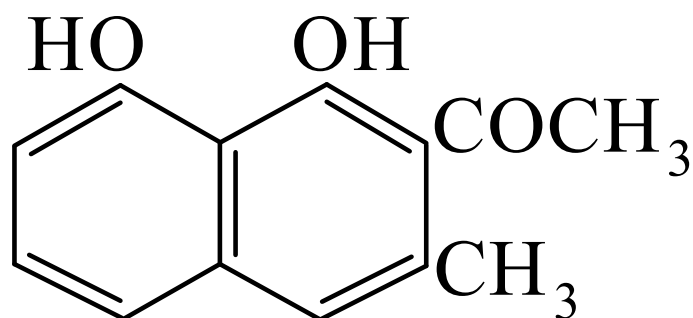




>>Entry Name: 2-Acetyl-3-methyl-1,8-naphthalenediol

Synonym(s): 1-(1,8-Dihydroxy-3-methyl-2-naphthalenyl)ethanone, 9Cl. 2-Acetyl-1,8-dihydroxy-3-methylnaphthalene. Musizin. Dianellidin. Nepodin



CAS Registry Number: 3785-24-8

Molecular Formula: $C_{13}H_{12}O_3$

Molecular Weight: 216.236

Accurate Mass: 216.078645

Percentage Composition: C 72.21%; H 5.59%; O 22.20%

Biological Source: Constit. of the heartwood of *Maesopsis eminii*, of the roots of *Dianella laevis* and *Dianella nigra* and of several *Rumex* spp.

Physical Description: Yellow needles (EtOH or petrol/ C_6H_6)

Melting Point: Mp 164-165° (evac. tube)

>>Derivative: 1-O- β -D-Glucopyranoside

Synonym(s): Neposide

CAS Registry Number: 23140-69-4

Molecular Formula: $C_{19}H_{22}O_8$

Molecular Weight: 378.378

Accurate Mass: 378.13147

Percentage Composition: C 60.31%; H 5.86%; O 33.83%

Biological Source: Isol. from roots of *Rumex confertus*

Melting Point: Mp 206-207°

Optical Rotation: $[\alpha]_D^{27} -104$ (EtOH/Py 4:1)