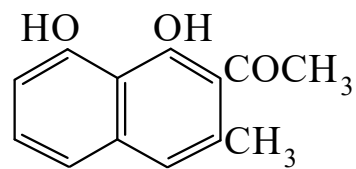




>>Entry Name: 2-Acetyl-3-methyl-1,8-naphthalenediol

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: C₁₃H₁₂O₃

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/C₆H₆)

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

>>Derivative: 1-O-β-D-Glucopyranoside

Synonym(s): Neposide

CAS Registry Number: 23140-69-4

Molecular Formula: C₁₉H₂₂O₈

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: [α]_D²⁷ -104 (EtOH/Py 4:1)

>>Derivative: 8-O-β-D-Glucopyranoside

Molecular Formula: C₁₉H₂₂O₈

Molecular Weight: 378.378

Accurate Mass: 378.13147

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

Biological Source: Constit. of broad-leafed dock (*Rumex obtusifolius*)

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 203-204°

Optical Rotation: [α]_D²⁵ -119 (EtOH)

>>Derivative: 8-O-[α-L-Rhamnopyranosyl-(1→6)-β-D-glucopyranoside]

Synonym(s): Dianellin

CAS Registry Number: 58829-72-4

Molecular Formula: C₂₅H₃₂O₁₂

Molecular Weight: 524.521

Accurate Mass: 524.18938

Percentage Composition: C 57.25%; H 6.15%; O 36.60%

Biological Source: Constit. of the leaves of *Dianella laevis*

Physical Description: Needles

Melting Point: Mp 167°

Optical Rotation: [α]_D -119 (c, 2.4 in EtOH)