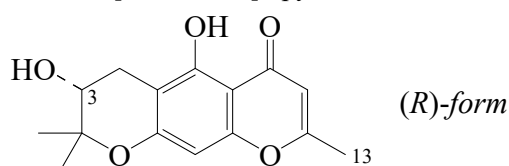




>>Entry Name: Hamaudol

Synonym(s): 3,4-Dihydro-3,5-dihydroxy-2,2,8-trimethyl-2*H*,6*H*-benzo[1,2-*b*:5,4-*b'*]dipyrans-6-one, 9Cl



Molecular Formula: C₁₅H₁₆O₅

Molecular Weight: 276.288

Accurate Mass: 276.099775

Percentage Composition: C 65.21%; H 5.84%; O 28.95%

>>Variant: (*R*)-form

CAS Registry Number: 204779-06-6

Molecular Formula: C₁₅H₁₆O₅

Molecular Weight: 276.288

Accurate Mass: 276.099775

Percentage Composition: C 65.21%; H 5.84%; O 28.95%

Biological Source: Constit. of *Peucedanum mashanense*

>>Variant: (*S*)-form

CAS Registry Number: 735-46-6

Molecular Formula: C₁₅H₁₆O₅

Molecular Weight: 276.288

Accurate Mass: 276.099775

Percentage Composition: C 65.21%; H 5.84%; O 28.95%

Biological Source: Constit. of *Ledebouriella seseloides*, *Angelica japonica* and *Xanthogalum sachokianum*

Physical Description: Needles (EtOH)

Melting Point: Mp 202-202.5°

Optical Rotation: $[\alpha]_D^{25} -22$ (c, 0.46 in CHCl₃)

>>Derivative: 3-*O*-β-D-Glucopyranoside

CAS Registry Number: 80681-44-3

Molecular Formula: C₂₁H₂₆O₁₀

Molecular Weight: 438.43

Accurate Mass: 438.1526

Percentage Composition: C 57.53%; H 5.98%; O 36.49%

Biological Source: From *Ledebouriella seseloides*

Physical Description: Needles (EtOH)

Melting Point: Mp 229-230°

Optical Rotation: $[\alpha]_D^{26} -48.5$ (c, 0.68 in CHCl₃)

>>Derivative: 3-Ac

CAS Registry Number: 30358-88-4

Molecular Formula: C₁₇H₁₈O₆

Molecular Weight: 318.326

Accurate Mass: 318.11034

Percentage Composition: C 64.14%; H 5.70%; O 30.16%

Biological Source: From *Ledebouriella seseloides* and *Xanthogalum sachokianum*

Physical Description: Needles (EtOH)

Melting Point: Mp 129.5-130°

Optical Rotation: $[\alpha]_D^{25} -28.4$ (c, 0.88 in CHCl₃)