



CAS Registry Number: 85165-97-5

Molecular Formula: C₁₉H₂₂O₆

Molecular Weight: 346.379

Accurate Mass: 346.14164

Percentage Composition: C 65.88%; H 6.40%; O 27.71%

Biological Source: Constit. of *Seseli campestre*

Physical Description: Oil

Optical Rotation: [α]_D²⁰ +32 (c, 7.8 in CHCl₃)

Other Data: Registered in CA as identical with Junosmarin below, which appears to be incorrect

>> **Derivative:** 9-*O*-(3-Methylbutanoyl), 10-Ac

Synonym(s): Dihydrosamidin. Dimidin

CAS Registry Number: 6005-18-1

Molecular Formula: C₂₁H₂₄O₇

Molecular Weight: 388.416

Accurate Mass: 388.152205

Percentage Composition: C 64.94%; H 6.23%; O 28.83%

Biological Source: Isol. from *Ammi visnaga*

Physical Description: Pyramids (EtOH aq.)

Melting Point: Mp 117-119°

Optical Rotation: [α]_D +19 (c, 1.0 in CHCl₃). [α]_D +63 (dioxan)

>> **Derivative:** 10-*O*-(3-Methylbutanoyl)

CAS Registry Number: 95486-32-1

Molecular Formula: C₁₉H₂₂O₆

Molecular Weight: 346.379

Accurate Mass: 346.14164

Percentage Composition: C 65.88%; H 6.40%; O 27.71%

Biological Source: Constit. of *Musineon divaricatum*

>> **Derivative:** 10-*O*-(3-Methylbutanoyl), 9-Ac

Synonym(s): Suksdorfin. Saxdorphen

CAS Registry Number: 53023-17-9

Molecular Formula: C₂₁H₂₄O₇

Molecular Weight: 388.416

Accurate Mass: 388.152205

Percentage Composition: C 64.94%; H 6.23%; O 28.83%

Biological Source: Constit. of *Lomatium suksdorfi*

Melting Point: Mp 140.5-141°

Optical Rotation: [α]_D²⁴ +4 (c, 0.5 in EtOH)

>> **Derivative:** 9-*O*-(3-Methyl-2-butenoyl)

CAS Registry Number: 97274-81-2

Molecular Formula: C₁₉H₂₀O₆

Molecular Weight: 344.363

Accurate Mass: 344.12599

Percentage Composition: C 66.27%; H 5.85%; O 27.88%

Biological Source: Constit. of *Seseli tortuosum* and *Musineon divaricatum*

Physical Description: Oil

>> **Derivative:** 9-*O*-(3-Methyl-2-butenoyl), 10-Ac

Synonym(s): Samidin

CAS Registry Number: 477-33-8