



Synonym(s): 10-Deacetyltaxinine

CAS Registry Number: 232604-03-4

Molecular Formula: $C_{33}H_{40}O_8$

Molecular Weight: 564.674

Accurate Mass: 564.27232

Percentage Composition: C 70.19%; H 7.14%; O 22.67%

Biological Source: Constit. of *Taxus cuspidata*

Physical Description: Gum

Optical Rotation: $[\alpha]_D^{25} +11.2$ (c, 0.001 in $CHCl_3$)

>>**Derivative:** 5-Cinnamoyl, 2,10-di-Ac

Synonym(s): 9-Deacetyltaxinine. Taxinine NN-3

CAS Registry Number: 189136-32-1

Molecular Formula: $C_{33}H_{40}O_8$

Molecular Weight: 564.674

Accurate Mass: 564.27232

Percentage Composition: C 70.19%; H 7.14%; O 22.67%

Biological Source: Constit. of *Taxus cuspidata*

Physical Description: Cryst. ($CHCl_3$)

Melting Point: Mp 58-60°

Optical Rotation: $[\alpha]_D^{20} +87$ (c, 0.1 in $CHCl_3$)

UV: [neutral] λ_{max} 217 (log ϵ 3.95); 278 (log ϵ 4.16) (MeOH)

>>**Derivative:** 5-Cinnamoyl, 9,10-di-Ac

Synonym(s): 2-Deacetyltaxinine. Taxinine NN-7

CAS Registry Number: 2571-66-6

Molecular Formula: $C_{33}H_{40}O_8$

Molecular Weight: 564.674

Accurate Mass: 564.27232

Percentage Composition: C 70.19%; H 7.14%; O 22.67%

Biological Source: Constit. of *Taxus mairei* and *Taxus cuspidata*

Physical Description: Cryst. ($CHCl_3$)

Melting Point: Mp 98-100°

Optical Rotation: $[\alpha]_D^{20} +97.3$ (c, 0.45 in $CHCl_3$)

UV: [neutral] λ_{max} 268 (log ϵ 4.3) (MeOH)

>>**Derivative:** 5-Cinnamoyl, 2,9,10-tri-Ac

Synonym(s): Taxinine

CAS Registry Number: 3835-52-7

Molecular Formula: $C_{35}H_{42}O_9$

Molecular Weight: 606.711

Accurate Mass: 606.282885

Percentage Composition: C 69.29%; H 6.98%; O 23.73%

Biological Source: Constit. of *Taxus cuspidata*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 265-267°

Optical Rotation: $[\alpha]_D^{18} +137$

>>**Derivative:** 5-(3-Dimethylamino-3-phenylpropanoyl), 2,9-di-Ac

CAS Registry Number: 313696-96-7

Molecular Formula: $C_{35}H_{47}NO_8$

Molecular Weight: 609.758

Accurate Mass: 609.330169

Percentage Composition: C 68.94%; H 7.77%; N 2.30%; O 20.99%

Biological Source: Constit. of *Taxus cuspidata*

Physical Description: Gum

Optical Rotation: $[\alpha]_D^{24} -10$ (c, 0.01 in $CHCl_3$)