



Accurate Mass: 620.28328

Percentage Composition: C 61.92%; H 7.14%; O 30.93%

Biological Source: From *Taxus baccata*

Melting Point: Mp 197°

Optical Rotation: $[\alpha]_D +31$

>> **Derivative:** 5-Cinnamoyl, 7,9,10,13-tetra-Ac

Synonym(s): Taxuspinanane G

CAS Registry Number: 198631-41-3

Molecular Formula: C₃₇H₄₆O₁₁

Molecular Weight: 666.764

Accurate Mass: 666.304015

Percentage Composition: C 66.65%; H 6.95%; O 26.40%

Biological Source: Constit. of *Taxus cuspidata* var. *nana*

Optical Rotation: $[\alpha]_D -54.9$ (c, 0.23 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 207 (log ϵ 4.27); 217 (log ϵ 4.33); 278 (log ϵ 4.29) (MeOH) [neutral] $\lambda_{\max}$ 207 (ϵ 18620); 217 (ϵ 21380); 278 (ϵ 19500) (MeOH) (Berdy)

>> **Derivative:** 5-Cinnamoyl, 2,7,9,10,13-penta-Ac

Synonym(s): Taxinine J

CAS Registry Number: 18457-46-0

Molecular Formula: C₃₉H₄₈O₁₂

Molecular Weight: 708.801

Accurate Mass: 708.31458

Percentage Composition: C 66.09%; H 6.83%; O 27.09%

Biological Source: Constit. of *Taxus cuspidata*

Physical Description: Cryst.

Melting Point: Mp 249-251°

UV: [neutral] $\lambda_{\max}$ 217 (); 279 () (MeOH) (Berdy) [neutral] $\lambda_{\max}$ 213 (ϵ 15850); 222 (ϵ 12590); 279 (ϵ 12590) (MeOH) (Berdy)

>> **Derivative:** 13-Ketone, 2,7,9,10-tetra-Ac

Synonym(s): Taxuspine F

CAS Registry Number: 164991-80-4

Molecular Formula: C₂₈H₃₈O₁₀

Molecular Weight: 534.602

Accurate Mass: 534.2465

Percentage Composition: C 62.91%; H 7.16%; O 29.93%

Biological Source: Constit. of *Taxus cuspidata*

Physical Description: Amorph. solid

Optical Rotation: $[\alpha]_D^{28} +50$ (c, 0.66 in CHCl₃)

>> **Derivative:** 13-Ketone, 5-cinnamoyl(*E*-), 10-Ac

Synonym(s): Taxezopidine E

CAS Registry Number: 205440-21-7

Molecular Formula: C₃₁H₃₈O₈

Molecular Weight: 538.636

Accurate Mass: 538.25667

Percentage Composition: C 69.13%; H 7.11%; O 23.76%

Biological Source: Constit. of *Taxus cuspidata*

Physical Description: Amorph. solid

Optical Rotation: $[\alpha]_D^{22} +24$ (c, 0.2 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 219 (log ϵ 4.15); 279 (log ϵ 4.18) (MeOH)