



Percentage Composition: C 63.40%; H 7.37%; O 29.23%
Biological Source: Constit. of *Taxus mairei*
Physical Description: Gum
Optical Rotation: $[\alpha]_D^{30} -40$ (c, 0.03 in CHCl₃)

>>Derivative: 2,7,13-Tri-Ac

CAS Registry Number: 181309-92-2

Molecular Formula: C₂₆H₃₆O₉
Molecular Weight: 492.565
Accurate Mass: 492.235935
Percentage Composition: C 63.40%; H 7.37%; O 29.23%
Biological Source: Constit. of *Taxus x media*
Physical Description: Cryst. (Me₂CO/hexane)
Melting Point: Mp 172-174°
Optical Rotation: $[\alpha]_D -147$

>>Derivative: 7,10,13-Tri-Ac
Synonym(s): 2-Deacetyltaxin B

CAS Registry Number: 167963-32-8

Molecular Formula: C₂₆H₃₆O₉
Molecular Weight: 492.565
Accurate Mass: 492.235935
Percentage Composition: C 63.40%; H 7.37%; O 29.23%
Biological Source: Constit. of *Taxus yunnanensis*
Physical Description: Cryst. (Et₂O)
Melting Point: Mp 178-179°
Optical Rotation: $[\alpha]_D^{12} -218.2$ (c, 0.04 in CHCl₃)

>>Derivative: 2,5,7,13-Tetra-Ac

CAS Registry Number: 260367-31-5

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 mairei*
Physical Description: Gum
Optical Rotation: $[\alpha]_D^{25} -11.2$ (c, 0.002 in CHCl₃)

>>Derivative: 2,7,10,13-Tetra-Ac
Synonym(s): Taxin B‡

CAS Registry Number: 168109-52-2

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 yunnanensis*
Physical Description: Cryst. (Et₂O)
Melting Point: Mp 166-167°
Optical Rotation: $[\alpha]_D^{12} -239.5$ (c, 0.06 in CHCl₃)
Other Data: Not the same as Taxine B [JHT80-E](#)