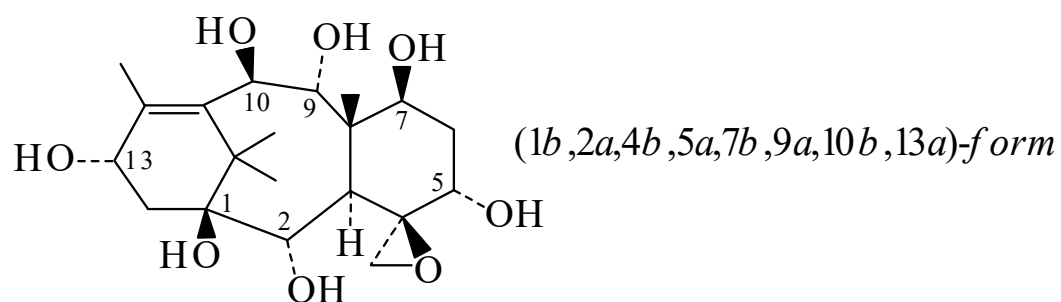




>>Entry Name: 4,20-Epoxy-11-taxene-1,2,5,7,9,10,13-heptol



Molecular Formula: C₂₀H₃₂O₈

Molecular Weight: 400.468

Accurate Mass: 400.20972

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

>>Variant: (1β,2α,4β,5α,7β,9α,10β,13α)-form

Molecular Formula: C₂₀H₃₂O₈

Molecular Weight: 400.468

Accurate Mass: 400.20972

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

>>Derivative: 2,5,13-Tri-Ac

Synonym(s): Taxumairol C

CAS Registry Number: 189368-20-5

Molecular Formula: C₂₆H₃₈O₁₁

Molecular Weight: 526.58

Accurate Mass: 526.241415

Percentage Composition: C 59.30%; H 7.27%; O 33.42%

Biological Source: Constit. of *Taxus mairei*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{25} +78$ (c, 0.2 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 226 (log ϵ 3.8) (MeOH)

>>Derivative: 5,10,13-Tri-Ac

Synonym(s): 1-Hydroxy-2,7,9-trideacetylbaaccatin I

Molecular Formula: C₂₆H₃₈O₁₁

Molecular Weight: 526.58

Accurate Mass: 526.241415

Percentage Composition: C 59.30%; H 7.27%; O 33.42%

Biological Source: Constit. of *Taxus yunnanensis*

Physical Description: Cryst.

Melting Point: Mp 232-235°

Optical Rotation: $[\alpha]_D^{12} -52.9$ (c, 0.042 in MeOH)

>>Derivative: 2,5,10,13-Tetra Ac

Synonym(s): Taxumairol B

CAS Registry Number: 142203-64-3

Molecular Formula: C₂₈H₄₀O₁₂

Molecular Weight: 568.617

Accurate Mass: 568.25198

Percentage Composition: C 59.14%; H 7.09%; O 33.76%

Biological Source: Constit. of *Taxus mairei*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{25} +15$ (c, 0.6 in MeOH)

UV: [neutral] $\lambda_{\max}$ 215 (ϵ 10000) (MeOH) (Berdy)