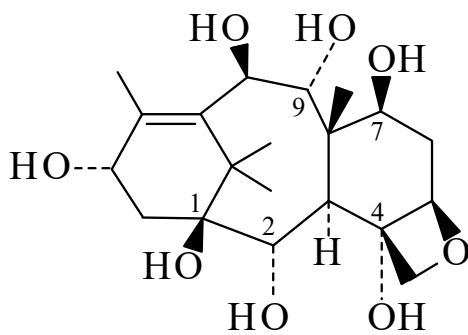




>>Entry Name: 5,20-Epoxy-11-taxene-1,2,4,7,9,10,13-heptol



Molecular Formula: C₂₀H₃₂O₈

Molecular Weight: 400.468

Accurate Mass: 400.20972

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

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

Molecular Formula: C₂₀H₃₂O₈

Molecular Weight: 400.468

Accurate Mass: 400.20972

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

>>Derivative: 2,4,10,13-Tetra-Ac

Synonym(s): 7,9-Deacetylbaccatin IV

CAS Registry Number: 166662-46-0

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 canadensis*

Physical Description: Cryst. (Me₂CO/petrol)

Melting Point: Mp 210-214°

Optical Rotation: [α]_D²²+24.1 (c, 1.8 in CHCl₃)

>>Derivative: 2,7,9,10,13-Penta-Ac

Synonym(s): 4-Deacetylbaccatin IV

CAS Registry Number: 156576-69-1

Molecular Formula: C₃₀H₄₂O₁₃

Molecular Weight: 610.654

Accurate Mass: 610.262545

Percentage Composition: C 59.01%; H 6.93%; O 34.06%

Biological Source: Constit. of *Taxus x media*

Physical Description: Powder

Melting Point: Mp 179 dec.°

Optical Rotation: [α]_D²⁵+60 (c, 0.4 in CHCl₃)

>>Derivative: 2,4,7,9,10,13-Hexa-Ac

Synonym(s): Baccatin IV

CAS Registry Number: 57672-77-2

Molecular Formula: C₃₂H₄₄O₁₄

Molecular Weight: 652.691

Accurate Mass: 652.27311

Percentage Composition: C 58.89%; H 6.79%; O 34.32%

Biological Source: Constit. of *Taxus baccata*

Physical Description: Cryst.

Melting Point: Mp 254-255 dec.°

Optical Rotation: [α]_D+19