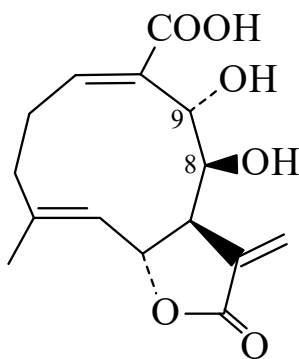




>>Entry Name: 8,9-Dihydroxy-1(10),4,11(13)-germacatrien-12,6-olid-14-oic acid



Molecular Formula: C₁₅H₁₈O₆

Molecular Weight: 294.304

Accurate Mass: 294.11034

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

>>Variant: (1(10)*E*,4*E*,6 α ,8 β ,9 α)-form

Molecular Formula: C₁₅H₁₈O₆

Molecular Weight: 294.304

Accurate Mass: 294.11034

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

>>Derivative: 8-Angeloyl, Me ester

Synonym(s): Polymatin A

CAS Registry Number: 72023-29-1

Molecular Formula: C₂₁H₂₆O₇

Molecular Weight: 390.432

Accurate Mass: 390.167855

Percentage Composition: C 64.60%; H 6.71%; O 28.69%

Biological Source: Constit. of *Polymnia maculata*

Physical Description: Gum or oil

>>Derivative: 8-Angeloyl, 9-Ac, Me ester

Synonym(s): Polymatin B

CAS Registry Number: 72023-37-1

Molecular Formula: C₂₃H₂₈O₈

Molecular Weight: 432.469

Accurate Mass: 432.17842

Percentage Composition: C 63.88%; H 6.53%; O 29.60%

Biological Source: Constit. of *Polymnia maculata*

Physical Description: Gum or cryst.

Melting Point: Mp 115°

Optical Rotation: $[\alpha]_D^{24} +56.4$ (c, 3.6 in CHCl₃)

>>Derivative: 8-(2,3-Epoxy-2-methylbutanoyl), 9-Ac, Me ester

Synonym(s): Uvedalin

CAS Registry Number: 24694-79-9

Molecular Formula: C₂₃H₂₈O₉

Molecular Weight: 448.469

Accurate Mass: 448.173335

Percentage Composition: C 61.60%; H 6.29%; O 32.11%

Biological Source: Constit. of leaves of *Polymnia uvedalia*

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 131-133°

Optical Rotation: $[\alpha]_D^{24} +12.8$