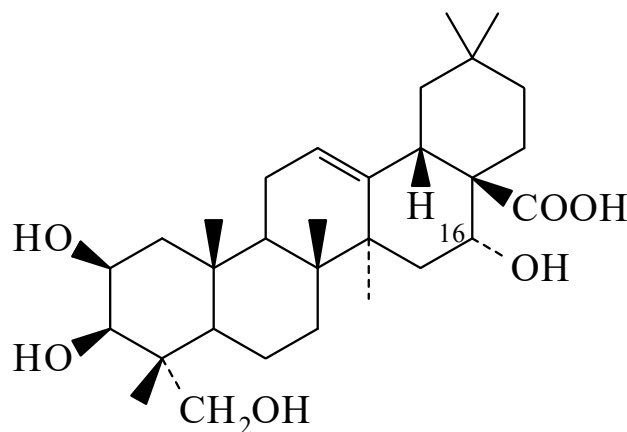




>>Entry Name: 2,3,16,23-Tetrahydroxy-12-oleanen-28-oic acid
ENTRY UNDER REVIEW



Molecular Formula: C₃₀H₄₈O₆
Molecular Weight: 504.706
Accurate Mass: 504.34509
Percentage Composition: C 71.39%; H 9.59%; O 19.02%

>>Variant: (2β,3β,16α)-form
Synonym(s): Polygalacic acid. Virgaureagenin G

CAS Registry Number: 22338-71-2

Molecular Formula: C₃₀H₄₈O₆
Molecular Weight: 504.706
Accurate Mass: 504.34509
Percentage Composition: C 71.39%; H 9.59%; O 19.02%
Biological Source: Constit. of *Polygala paenea*, *Solidago virgaurea*, *Platycodon grandiflorum* and *Achras sapota*
Physical Description: Cryst. (EtOH)
Melting Point: Mp 308°
Optical Rotation: [α]_D²⁵+45 (Py)

>>Derivative: 3-*O*-α-L-Rhamnopyranoside, 28-*O*-[β-D-xylopyranosyl-(1→4)-α-L-rhamnopyranosyl-(1→2)-β-D-fucopyranosyl] ester
Synonym(s): Besysaponin C₁₂. Bellidiastroside B₁. Bernardioside B₃

Molecular Formula: C₅₃H₈₆O₂₂
Molecular Weight: 1075.249
Accurate Mass: 1074.56108
Percentage Composition: C 59.20%; H 8.06%; O 32.74%
Biological Source: Constit. of *Bellis sylvestris*, *Bellis bernardii* and *Aster bellidiastrum*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 231-233°
Optical Rotation: [α]_D²²-22.9

>>Derivative: 3-*O*-α-L-Rhamnopyranoside, [α-L-rhamnopyranosyl-(1→3)-β-D-xylopyranosyl-(1→4)-α-L-rhamnopyranosyl-(1→2)-β-D-fucopyranosyl] ester
Synonym(s): Bellissaponin BS1. Besysaponin C₁₄. Bellidiastroside C₁. Bernardioside C₄

CAS Registry Number: 121340-61-2

Molecular Formula: C₅₉H₉₆O₂₆
Molecular Weight: 1221.392
Accurate Mass: 1220.61899
Percentage Composition: C 58.02%; H 7.92%; O 34.06%
Biological Source: Constit. of *Bellis sylvestris*, *Bellis perennis*, *Bellis bernardii* and *Aster bellidiastrum*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 225-227°. Mp 239-240°
Optical Rotation: [α]_D²²-36.5

>>Derivative: 3-*O*-α-L-Rhamnopyranoside, [α-L-rhamnopyranosyl-(1→3)-β-D-xylopyranosyl-(1→4)-α-L-rhamnopyranosyl-(1→2)-4-(2*E*-butenoyl)-β-D-fucopyranosyl] ester