



Biological Source: Constit. of *Annona glabra*
Physical Description: Powder
Melting Point: Mp 138-140°
Optical Rotation: $[\alpha]_D^{25} -68.3$ (c, 0.09 in CHCl_3)

>>Derivative: 19-Carboxylic acid

Synonym(s): *ent*-16 β ,17-Dihydroxy-19-kauranoic acid

CAS Registry Number: 3301-61-9

Molecular Formula: $\text{C}_{20}\text{H}_{32}\text{O}_4$

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Constit. of *Baccharis* spp., *Ricinocarpus stylosus*, *Helichrysum diosmifolium*, *Siegesbeckia* spp. and others

Physical Description: Cryst. (MeOH/EtOAc)

Melting Point: Mp 260-262°

Optical Rotation: $[\alpha]_D -88$ (c, 1.8 in Py)

>>Derivative: 19-Carboxylic acid, β -D-glucopyranosyl ester

Synonym(s): Paniculoside IV. Crispioside B

CAS Registry Number: 65562-09-6

Molecular Formula: $\text{C}_{26}\text{H}_{42}\text{O}_9$

Molecular Weight: 498.612

Accurate Mass: 498.282885

Percentage Composition: C 62.63%; H 8.49%; O 28.88%

Biological Source: Constit. of *Stevia paniculata*, *Stevia ovata*, *Francoeuria crispa* and *Rubus suavissimus*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 149-153°

Optical Rotation: $[\alpha]_D^{18} +65.6$ (c, 0.25 in MeOH)

>>Derivative: 19-Carboxylic acid, 16-*O*- β -D-glucopyranoside, 19-*O*- β -D-glucopyranosyl ester

CAS Registry Number: 232260-87-6

Molecular Formula: $\text{C}_{32}\text{H}_{52}\text{O}_{14}$

Molecular Weight: 660.754

Accurate Mass: 660.33571

Percentage Composition: C 58.17%; H 7.93%; O 33.90%

Biological Source: Constit. of *Ageratina vacciniæfolia*

Physical Description: Cryst.

Melting Point: Mp 198°

Optical Rotation: $[\alpha]_D^{20} -52.5$ (c, 0.0043 in MeOH)

>>Derivative: 19-Carboxylic acid, 17-*O*- β -D-glucopyranoside

Synonym(s): Sagittarioside B

CAS Registry Number: 153300-97-1

Molecular Formula: $\text{C}_{26}\text{H}_{42}\text{O}_9$

Molecular Weight: 498.612

Accurate Mass: 498.282885

Percentage Composition: C 62.63%; H 8.49%; O 28.88%

Biological Source: Constit. of *Sagittaria trifolia*

Physical Description: Powder

Optical Rotation: $[\alpha]_D -28.7$ (MeOH)

>>Derivative: 19-Carboxylic acid, 16,17-di-Ac

CAS Registry Number: 3771-90-2