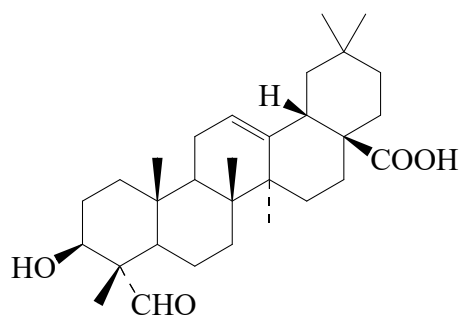




>>Entry Name: 3-Hydroxy-23-oxo-12-oleanen-28-oic acid



Related CAS Registry Numbers(s): 60407-57-0

Molecular Formula: $C_{30}H_{46}O_4$

Molecular Weight: 470.691

Accurate Mass: 470.33961

Percentage Composition: C 76.55%; H 9.85%; O 13.60%

>>Variant: 3 β -form

Synonym(s): Gypsogenin. Gypsophilasapogenin. Albasapogenin. Githagenin. Astrantiagenin D

CAS Registry Number: 639-14-5

Molecular Formula: $C_{30}H_{46}O_4$

Molecular Weight: 470.691

Accurate Mass: 470.33961

Percentage Composition: C 76.55%; H 9.85%; O 13.60%

Biological Source: Present as glycosides in *Saponaria officinalis*, *Spergularia marginata*, *Luffa* spp., *Sideroxylon tomentosum*, *Vaccaria segetalis* and others

Physical Description: Cryst. (MeOH)

Melting Point: Mp 274-276°

Optical Rotation: $[\alpha]_D +91$ (EtOH)

>>Derivative: 28-O-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 4)- β -D-glucopyranosyl-(1 $\rightarrow$ 6)- β -D-glucopyranosyl] ester

Synonym(s): Cirensenoside D. Cirensenoside D

CAS Registry Number: 161400-73-3

Molecular Formula: $C_{48}H_{76}O_{18}$

Molecular Weight: 941.118

Accurate Mass: 940.50317

Percentage Composition: C 61.26%; H 8.14%; O 30.60%

Biological Source: Constit. of *Oplopanax elatus*

Physical Description: Powder

Melting Point: Mp 208-210°

Optical Rotation: $[\alpha]_D^{20} +5.5$ (c, 0.5 in MeOH)

>>Derivative: 28-O-[β -D-Glucopyranosyl-(1 $\rightarrow$ 2)-[β -D-glucopyranosyl-(1 $\rightarrow$ 6)]- β -D-glucopyranosyl] ester

CAS Registry Number: 220705-69-1

Molecular Formula: $C_{48}H_{76}O_{19}$

Molecular Weight: 957.117

Accurate Mass: 956.498085

Percentage Composition: C 60.24%; H 8.00%; O 31.76%

Biological Source: Constit. of *Gypsophila bermejoi*