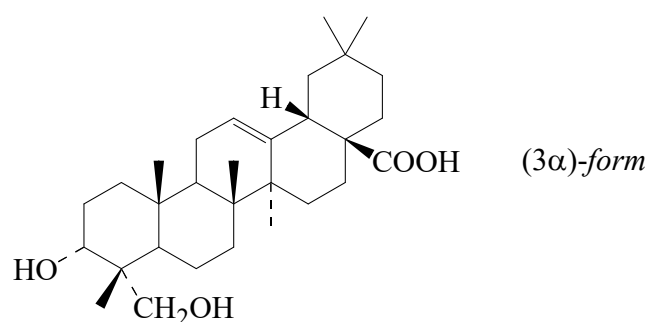




>>Entry Name: 3,23-Dihydroxy-12-oleanen-28-oic acid



Related CAS Registry Numbers(s): 30883-34-2

Molecular Formula: $C_{30}H_{48}O_4$

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

>>Variant: 3 α -form

Synonym(s): Wilforol C. 3-Epihederagenin

CAS Registry Number: 168254-95-3

Type of Compound Code(s): VS8300

Molecular Formula: $C_{30}H_{48}O_4$

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Constit. of *Tripterygium wilfordii*

Physical Description: Needles (EtOH)

Optical Rotation: $[\alpha]_D^{26} +84$ (c, 0.18 in Py)

Other Data: Mp >300

>>Derivative: 3-Ketone

Synonym(s): 23-Hydroxy-3-oxo-12-oleanen-28-oic acid. **Hederagonic acid**. Hederagenic acid

CAS Registry Number: 466-01-3

Type of Compound Code(s): VS8300

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: Isol. from *Caltha palustris* and *Viburnum erubescens*

Melting Point: Mp 222-225°

Optical Rotation: $[\alpha]_D +75.4$

Solubility: BERDY SOL: Sol. EtOH, $CHCl_3$; poorly sol. H_2O

>>Derivative: 3-Ketone, 28-O-[α -L-rhamnopyranosyl-(1 $\rightarrow$ 4)- β -D-glucopyranosyl-(1 $\rightarrow$ 6)- β -D-glucopyranosyl] ester

Synonym(s): Nipponoside A

CAS Registry Number: 223260-25-1

Type of Compound Code(s): VS8300

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 *Acanthopanax nipponicus*

Physical Description: Powder

Optical Rotation: $[\alpha]_D^{25} -1.4$ (c, 0.5 in MeOH)