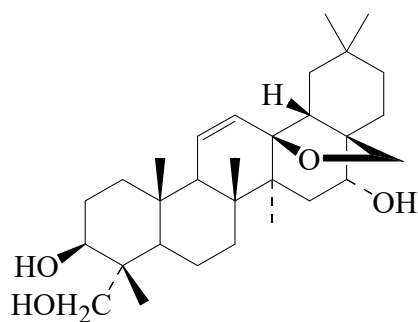




>>Entry Name: 13,28-Epoxy-11-oleanene-3,16,23-triol



(3β,13β,16α)-form

Related CAS Registry Numbers(s): 102934-42-9 103128-75-2

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

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

>>Variant: (3β,13β,16α)-form

Synonym(s): Saikogenin G

CAS Registry Number: 18175-79-6

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

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

Biological Source: Sapogenin from *Bupleurum falcatum* root

Physical Description: Cryst. (MeOH)

Melting Point: Mp 238-245°

Optical Rotation: [α]_D +83 (c, 0.5 in CHCl₃/MeOH)

>>Derivative: 3-O-[β-D-Glucopyranosyl-(1→3)-β-D-fucopyranoside]

Synonym(s): Saikosaponin D

CAS Registry Number: 20874-52-6

Molecular Formula: C₄₂H₆₈O₁₃

Molecular Weight: 780.991

Accurate Mass: 780.465995

Percentage Composition: C 64.59%; H 8.78%; O 26.63%

Biological Source: Constit. of *Bupleurum falcatum*

Physical Description: Cryst.

Melting Point: Mp 212-218°

Optical Rotation: [α]_D +37 (EtOH)

>>Derivative: 3-O-[2-O-Acetyl-β-D-glucopyranosyl-(1→3)-β-D-fucopyranoside]

Synonym(s): Saikosaponin S9

Molecular Formula: C₄₄H₇₀O₁₄

Molecular Weight: 823.029

Accurate Mass: 822.47656

Percentage Composition: C 64.21%; H 8.57%; O 27.22%

Biological Source: Constit. of *Bupleurum falcatum*

Physical Description: Amorph. powder

Melting Point: Mp 213-215°

Optical Rotation: [α]_D²²+489 (c, 0.54 in EtOH)