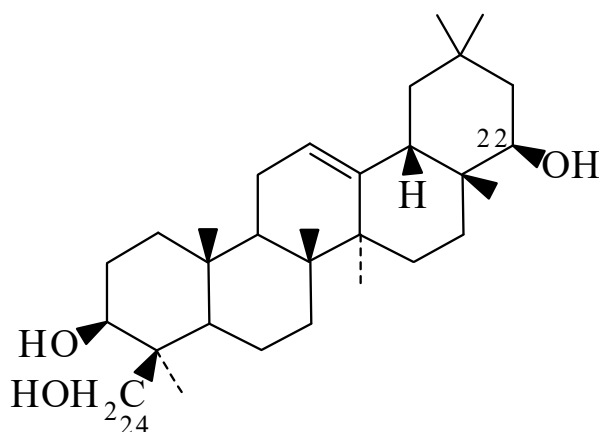




>>Entry Name: 12-Oleanene-3,22,24-triol
ENTRY UNDER REVIEW



Related CAS Registry Numbers(s): 86500-81-4 86511-98-0 86764-24-1

Molecular Formula: C₃₀H₅₀O₃
Molecular Weight: 458.723
Accurate Mass: 458.375995
Percentage Composition: C 78.55%; H 10.99%; O 10.46%

>>Variant: (3 β ,22 β)-form
Synonym(s): Soyasapogenol B. Soyasapogenol M₂

CAS Registry Number: 595-15-3

Molecular Formula: C₃₀H₅₀O₃
Molecular Weight: 458.723
Accurate Mass: 458.375995
Percentage Composition: C 78.55%; H 10.99%; O 10.46%
Biological Source: Constit. of soya bean saponin, *Medicago*, *Astragalus*, *Trifolium* spp. and isol. from *Streptomyces* sp.
Physical Description: Cryst. (MeOH)
Melting Point: Mp 258-259°
Optical Rotation: [α]_D³⁰ +92.4 (CHCl₃)
Other Data: Originally assigned 3,21,24-trihydroxy struct.

>>Derivative: 3,24-Carbonate (cyclic ester)
Synonym(s): Soyasapogenol G

Molecular Formula: C₃₁H₄₈O₄
Molecular Weight: 484.718
Accurate Mass: 484.35526
Percentage Composition: C 76.82%; H 9.98%; O 13.20%
Biological Source: Constit. of *Melilotus messanensis*
Physical Description: Amorph. solid
Melting Point: Mp 148-152°
Optical Rotation: [α]_D²⁵ +29 (c, 0.1 in CHCl₃)

>>Derivative: 3-O- α -L-Arabinopyranoside
Synonym(s): Melilotoside A

CAS Registry Number: 170663-67-9

Molecular Formula: C₃₅H₅₈O₇
Molecular Weight: 590.839
Accurate Mass: 590.418255
Percentage Composition: C 71.15%; H 9.89%; O 18.96%
Biological Source: Constit. of *Melilotus albus*

>>Derivative: 22-O- β -D-Glucopyranoside
Synonym(s): Sigmoside C