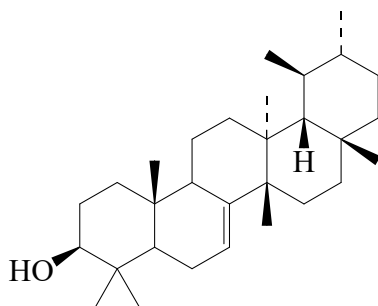




>>Entry Name: 7-Bauren-3-ol



3 β -form

Molecular Formula: C₃₀H₅₀O

Molecular Weight: 426.724

Accurate Mass: 426.386165

Percentage Composition: C 84.44%; H 11.81%; O 3.75%

>>Variant: 3 β -form

Synonym(s): Ilexol. Baurenol. Baurenol

CAS Registry Number: 6466-94-0

Molecular Formula: C₃₀H₅₀O

Molecular Weight: 426.724

Accurate Mass: 426.386165

Percentage Composition: C 84.44%; H 11.81%; O 3.75%

Biological Source: Constit. of *Acronychia baueri*, *Gelonium multiflorum*, *Ilex* and *Diospyros* spp., *Bladhia japonica* and *Petasites officinalis* etc.

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 207-208°

Optical Rotation: [α]_D¹⁹ -20.7 (c, 0.7 in CHCl₃)

>>Derivative: Ac

CAS Registry Number: 17020-04-1

Molecular Formula: C₃₂H₅₂O₂

Molecular Weight: 468.762

Accurate Mass: 468.39673

Percentage Composition: C 81.99%; H 11.18%; O 6.83%

Biological Source: Constit. of *Adansonia digitata*, *Psychotria adenophylla* and other spp.

Physical Description: Cryst. (CHCl₃/hexane)

Melting Point: Mp 290-292°

Optical Rotation: [α]_D²⁴ -1.1 (c, 1 in CHCl₃)

>>Derivative: Me ether

CAS Registry Number: 11008-41-6

Molecular Formula: C₃₁H₅₂O

Molecular Weight: 440.751

Accurate Mass: 440.401815

Percentage Composition: C 84.48%; H 11.89%; O 3.63%

Biological Source: Constit. of *Saccharum officinarum*

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 212-215°

Optical Rotation: [α]_D -32 (c, 1.2 in CHCl₃)

>>Derivative: 3-Ketone

Synonym(s): 7-Bauren-3-one. Baurenone

CAS Registry Number: 6895-55-2

Molecular Formula: C₃₀H₄₈O

Molecular Weight: 424.709

Accurate Mass: 424.370515

Percentage Composition: C 84.84%; H 11.39%; O 3.77%

Biological Source: Constit. of *Schinus terebinthifolius*

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 240°

Optical Rotation: [α]