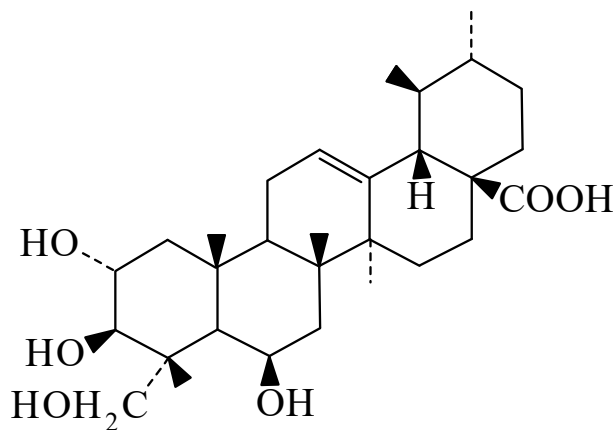




>>Entry Name: 2,3,6,23-Tetrahydroxy-12-ursen-28-oic acid



Molecular Formula: C₃₀H₄₈O₆

Molecular Weight: 504.706

Accurate Mass: 504.34509

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

>>Variant: (2 α ,3 β ,6 β)-form

Synonym(s): Madecassic acid. Brahmic acid. 6 β -Hydroxyasiatic acid

CAS Registry Number: 18449-41-7

Molecular Formula: C₃₀H₄₈O₆

Molecular Weight: 504.706

Accurate Mass: 504.34509

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Constit. of *Centella asiatica*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 265-268°. Mp 293°

Optical Rotation: [α]_D +31 (c, 1.5 in MeOH)

Other Data: Isobrahmic acid was a mixt.

>>Derivative: 3-O- α -L-Arabinopyranoside

CAS Registry Number: 325687-48-7

Molecular Formula: C₃₅H₅₆O₁₀

Molecular Weight: 636.821

Accurate Mass: 636.38735

Percentage Composition: C 66.01%; H 8.86%; O 25.12%

Biological Source: Constit. of *Spilarctia obliqua*

References:

Pinhas, H. *et al.*, *Bull. Soc. Chim. Fr.*, 1967, 1890

Singh, B. *et al.*, *Phytochemistry*, 1968, **7**, 1385

Sahu, N.P. *et al.*, *Phytochemistry*, 1989, **28**, 2852, (*isol, pmr, cmr*)

Shukla, Y.N. *et al.*, *Pharm. Biol.*, 2000, **38**, 262-267, (*arabinoside*)