



Synonym(s): 3,19-Dihydroxy-6,23-dioxo-12-ursen-28-oic acid

CAS Registry Number: 261768-88-1

Molecular Formula: C₃₀H₄₄O₆

Molecular Weight: 500.674

Accurate Mass: 500.31379

Percentage Composition: C 71.97%; H 8.86%; O 19.17%

Biological Source: Constit. of *Uncaria tomentosa*

Physical Description: Amorph. powder

Optical Rotation: [α]_D²⁵ +48 (c, 0.38 in MeOH)

References:

Sakakibara, J. *et al.*, *Phytochemistry*, 1984, **23**, 627-630, (*isol*)

Aimi, N. *et al.*, *Tetrahedron*, 1989, **45**, 4125-4134, (*isol, pmr, cmr, 23-carboxylic acid*)

Aquino, R. *et al.*, *J. Nat. Prod.*, 1990, **53**, 559-564, (*23-Aldehyde, isol, pmr, cmr*)

Kitajima, M. *et al.*, *Tetrahedron*, 2000, **56**, 547-552, (*6-ketones*)