



CAS Registry Number: 119318-15-9

Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

Percentage Composition: C 81.39%; H 11.38%; O 7.23%

Biological Source: Isol. from *Phyllanthus flexuosus*

Physical Description: Needles (MeOH/CHCl₃)

Melting Point: Mp 251-253°

Optical Rotation: [α]_D²³+84.7 (c, 0.46 in CHCl₃)

References:

Beaton, J.L. *et al.*, *J.C.S.*, 1956, 2904, (*Boswellic acid*)

Shamma, M. *et al.*, *J.O.C.*, 1962, **27**, 4512, (*pmr*)

Allan, G.G., *Phytochemistry*, 1968, **7**, 963, (*stereochem*)

Ogihara, K. *et al.*, *Phytochemistry*, 1987, **26**, 783, (*synth*)

Tanaka, R. *et al.*, *Phytochemistry*, 1988, **27**, 3563, (*isol*)

Ali, M. *et al.*, *Phytochemistry*, 1990, **29**, 3601, (*isol, pmr*)

Van Bergen, P.F. *et al.*, *Tet. Lett.*, 1997, **38**, 8409-8412, (*archaeology*)