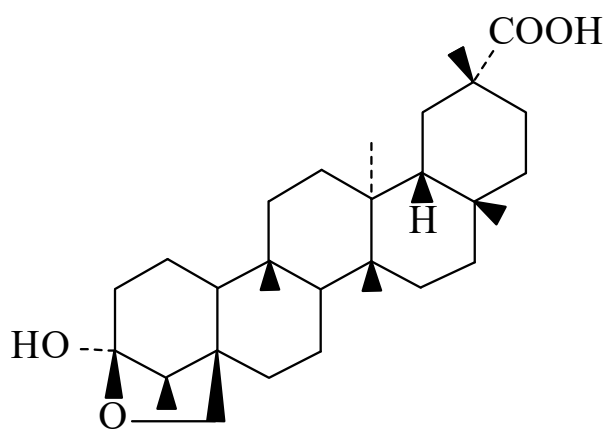




>>Entry Name: Salaspermic acid

Synonym(s): 3,24-Epoxy-3-hydroxy-29-friedelanoic acid



CAS Registry Number: 71247-78-4

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Constit. of *Salacia macrosperma* and *Tripterygium wilfordii*

Use/Importance: Shows anti-HIV activity

Physical Description: Cryst. (CHCl₃/MeOH)

Melting Point: Mp 335°

Optical Rotation: $[\alpha]_D^{25} +2$ (c, 0.1 in MeOH)

Calculated Log P Data: Log P 7.81 (uncertain value) (calc)

UV: [neutral] $\lambda_{\max}$ 204 () (MeOH) (Berdy)

References:

Viswanathan, N.I. *et al.*, *J.C.S. Perkin I*, 1979, 349

Rogers, D. *et al.*, *Chem. Comm.*, 1980, 1049

Chen, K. *et al.*, *J. Nat. Prod.*, 1992, **55**, 340, (*isol, cryst struct*)

Ngassapa, O. *et al.*, *J. Nat. Prod.*, 1994, **57**, 1, (*cmr*)