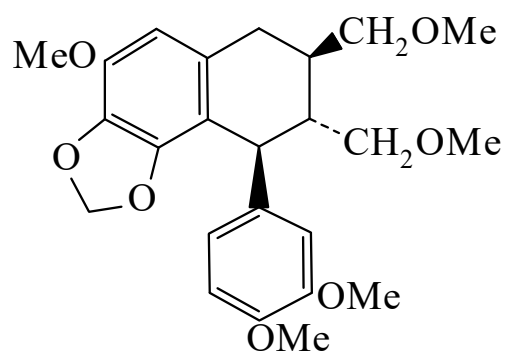




>>Entry Name: Hypophyllanthin



CAS Registry Number: 33676-00-5

Molecular Formula: C₂₄H₃₀O₇

Molecular Weight: 430.497

Accurate Mass: 430.199155

Percentage Composition: C 66.96%; H 7.02%; O 26.02%

Biological Source: Lignan from *Phyllanthus niruri*

Physical Description: Long needles (MeOH or petrol)

Melting Point: Mp 128°

Optical Rotation: $[\alpha]_D^{30} +3.9$ (c, 1.25 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 213 (ϵ 44670); 231 (ϵ 20400); 280 (ϵ 4460) (EtOH) (Berdy)

References:

Row, L.R. *et al.*, *Tetrahedron*, 1966, **22**, 2899; 1970, **26**, 3051, (*isol*)

Subba Rao, G. *et al.*, *Tet. Lett.*, 1971, 3175, (*bibl*)

Schneiders, G.E. *et al.*, *J.C.S. Perkin I*, 1982, 999, (*struct*)

Somanabandhu, A. *et al.*, *J. Nat. Prod.*, 1993, **56**, 233, (*pmr, cmr*)