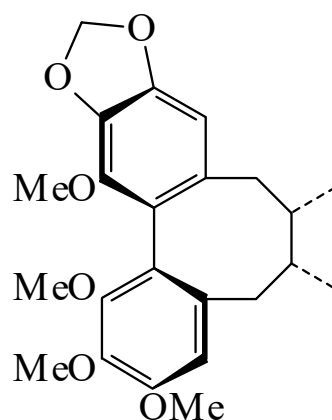




>>Entry Name: Gomisin N



CAS Registry Number: 69176-52-9

Molecular Formula: $C_{23}H_{28}O_6$

Molecular Weight: 400.471

Accurate Mass: 400.18859

Percentage Composition: C 68.98%; H 7.05%; O 23.97%

Biological Source: Isol. from *Schizandra chinensis*

Use/Importance: Shows insecticidal props.

Physical Description: Prisms (Et₂O/hexane)

Melting Point: Mp 105-107°

Optical Rotation: $[\alpha]_D^{23} -84.7$ (c, 2.17 in CHCl₃)

References:

Ikeya, Y. *et al.*, *Chem. Pharm. Bull.*, 1972, **26**, 3257; 1973, **27**, 2695, (*isol, pmr*)

Tanaka, M. *et al.*, *Heterocycles*, 1994, **37**, 739, (*synth*)

Tanaka, M. *et al.*, *Tetrahedron*, 1995, **51**, 11693, (*synth*)

Marek, J. *et al.*, *Acta Cryst. C*, 1998, **54**, 1548-1550, (*cryst struct*)

Miyazawa, M. *et al.*, *Nat. Prod. Lett.*, 1998, **12**, 175-180, (*isol, pmr, cmr*)