



Biological Source: Constit. of *Rabdosia effusa*

Physical Description: Cryst.

Melting Point: Mp 206-209°

UV: [neutral] $\lambda_{\max}$ 234 (ϵ 9260) (EtOH) (Berdy)

>>**Derivative:** 3-Deoxy, 18-deacetoxy

Synonym(s): Trichorabdal A

CAS Registry Number: 85329-59-5

Molecular Formula: C₂₀H₂₆O₅

Molecular Weight: 346.422

Accurate Mass: 346.178025

Percentage Composition: C 69.34%; H 7.56%; O 23.09%

Biological Source: Constit. of *Rabdosia trichocarpa*

Use/Importance: Shows *in vivo* antitumour activity against Ehrlich ascites carcinoma

Physical Description: Needles (MeOH)

Melting Point: Mp 198-201°

Optical Rotation: $[\alpha]_{\text{D}}$ -63.9 (c, 0.01 in EtOH)

Solubility: BERDY SOL: Sol. MeOH, C₆H₆; poorly sol. H₂O

UV: [neutral] $\lambda_{\max}$ 229 (ϵ 6028) (MeOH) (Berdy) [neutral] $\lambda_{\max}$ 232 (ϵ 8500) (EtOH) (Berdy)

References:

Kubo, I. *et al.*, *Chem. Comm.*, 1980, 1206, (*Effusin*)

Fujita, E. *et al.*, *Chem. Comm.*, 1981, 899, (*Trichorabdal B*)

Fujita, E. *et al.*, *Heterocycles*, 1981, **16**, 227, (*synth*)

Node, M. *et al.*, *Chem. Lett.*, 1982, 2023, (*cryst struct*)

Node, M. *et al.*, *Chem. Pharm. Bull.*, 1983, **31**, 1433, (*pmr, cmr, use*)

Fuji, K. *et al.*, *Chem. Pharm. Bull.*, 1989, **37**, 1465, (*isol, pmr, cmr, cryst struct*)

Osawa, K. *et al.*, *Phytochemistry*, 1994, **36**, 1287, (*isol, pmr, cmr*)