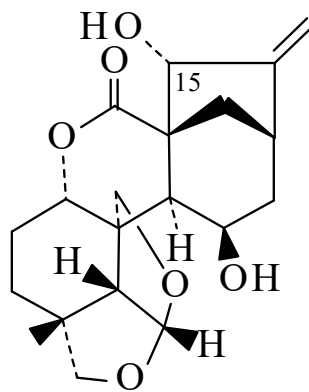




>>Entry Name: Sculponeatin B



CAS Registry Number: 85287-60-1

Molecular Formula: C₂₀H₂₆O₆

Molecular Weight: 362.422

Accurate Mass: 362.17294

Percentage Composition: C 66.28%; H 7.23%; O 26.49%

Biological Source: Constit. of *Rabdosia sculponeata*

Physical Description: Cryst.

Melting Point: Mp 244-246°

Optical Rotation: $[\alpha]_{\text{D}}^{25} -109$ (c, 0.14 in Py)

Solubility: BERDY SOL: Sol. MeOH, Et₂O; poorly sol. H₂O, hexane

UV: [neutral] λ_{max} (EtOH) (Berdy)

>>Derivative: 15-Ketone

Synonym(s): Sculponeatin A. Macrocalyxoforin A

CAS Registry Number: 85287-58-7

Molecular Formula: C₂₀H₂₄O₆

Molecular Weight: 360.406

Accurate Mass: 360.15729

Percentage Composition: C 66.65%; H 6.71%; O 26.64%

Biological Source: From *Rabdosia sculponeata* and *Rabdosia macrocalyx*

Physical Description: Cryst.

Melting Point: Mp 300°

Optical Rotation: $[\alpha]_{\text{D}}^{25} -139$ (c, 0.21 in Py)

References:

Wang, Z. *et al.*, *CA*, 1984, **100**, 171559, (*Macrocalyxoforin A*)

Xu, G., *CA*, 1985, **103**, 6527, (*pmr*)

Han-dong, S. *et al.*, *Heterocycles*, 1986, **24**, 1