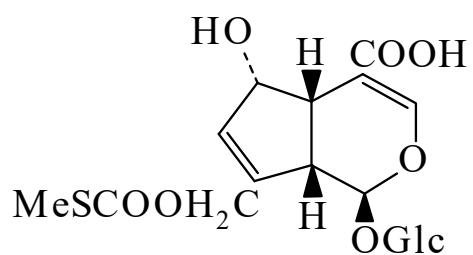




>>Entry Name: Paederosidic acid



CAS Registry Number: 18842-98-3

Molecular Formula: C₁₈H₂₄O₁₂S

Molecular Weight: 464.446

Accurate Mass: 464.09885

Percentage Composition: C 46.55%; H 5.21%; O 41.34%; S 6.90%

Biological Source: Constit. of *Paederia scandens*

Physical Description: Solid + 2H₂O

Optical Rotation: $[\alpha]_D^{24} +28.2$ (MeOH)

>>Derivative: γ -Lactone

Synonym(s): Paederoside

CAS Registry Number: 20547-45-9

Molecular Formula: C₁₈H₂₂O₁₁S

Molecular Weight: 446.431

Accurate Mass: 446.088285

Percentage Composition: C 48.43%; H 4.97%; O 39.42%; S 7.18%

Biological Source: Constit. of *Paederia scandens* and *Paederia foetida*

Physical Description: Cryst. + 2H₂O

Melting Point: Mp 122-123°

Optical Rotation: $[\alpha]_D -195.6$ (MeOH)

>>Derivative: γ -Lactone, tetra-Ac

Physical Description: Cryst. + 2H₂O

Melting Point: Mp 153.5-154°

References:

Inouye, H. *et al.*, *Chem. Pharm. Bull.*, 1969, **17**, 1949, (*synth*)

Kapadia, G.J. *et al.*, *Tet. Lett.*, 1979, 1937, (*struct*)

Suzuki, S. *et al.*, *Heterocycles*, 1993, **35**, 895, (*Paederoside, pmr, cmr*)