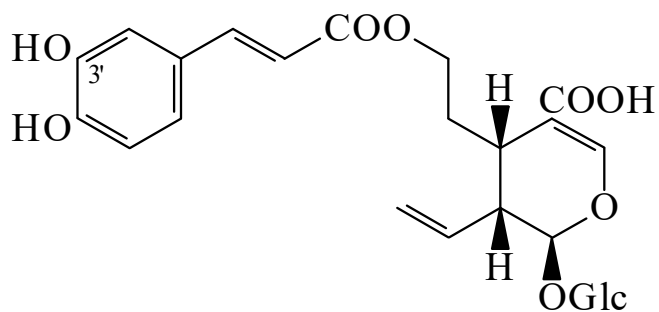




>>Entry Name: Grandifloroside



CAS Registry Number: 61186-24-1

Molecular Formula: C₂₅H₃₀O₁₃

Molecular Weight: 538.504

Accurate Mass: 538.168645

Percentage Composition: C 55.76%; H 5.61%; O 38.62%

Biological Source: Constit. of *Anthocleista grandiflora*

Physical Description: Amorph. yellow powder

>>Derivative: Hexa-Ac

Physical Description: Cryst.

Melting Point: Mp 118-119°

>>Derivative: Me ester

Molecular Formula: C₂₆H₃₂O₁₃

Molecular Weight: 552.531

Accurate Mass: 552.184295

Percentage Composition: C 56.52%; H 5.84%; O 37.64%

Biological Source: From *Anthocleista grandiflora*

>>Derivative: 3'-Me ether

Synonym(s): Methylgrandifloroside

Molecular Formula: C₂₆H₃₂O₁₃

Molecular Weight: 552.531

Accurate Mass: 552.184295

Percentage Composition: C 56.52%; H 5.84%; O 37.64%

Biological Source: Constit. of *Anthocleista grandiflora*

Physical Description: Amorph

>>Derivative: 3'-Me ether, penta-Ac

Physical Description: Cryst.

Melting Point: Mp 89-90°

References:

Chapelle, J.-P., *Phytochemistry*, 1976, **15**, 1305

Rasoanaivo, P. *et al.*, *Fitoterapia*, 1994, **65**, 38, (*isol*, *pmr*, *cmr*)