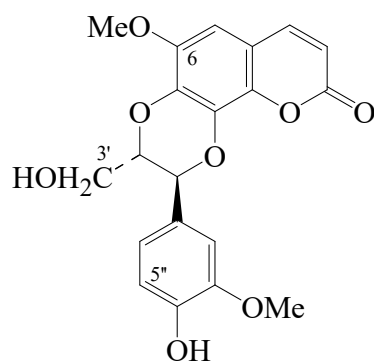




>>Entry Name: Cleomiscosin B



CAS Registry Number: 76985-93-8

Molecular Formula: C₂₀H₁₈O₈

Molecular Weight: 386.357

Accurate Mass: 386.10017

Percentage Composition: C 62.18%; H 4.70%; O 33.13%

Biological Source: Constit. of *Cleome viscosa* and *Salsola laricifolia*

Physical Description: Cryst.

Melting Point: Mp 274°

Solubility: BERDY SOL: Sol. CHCl₃, MeOH; poorly sol. H₂O

UV: [neutral] λ_{max} 285 (); 328 () (EtOH) (Berdy)

>>Derivative: 3'-Deoxy

Synonym(s): Jatrophin‡

CAS Registry Number: 118141-23-4

Molecular Formula: C₂₀H₁₈O₇

Molecular Weight: 370.358

Accurate Mass: 370.105255

Percentage Composition: C 64.86%; H 4.90%; O 30.24%

Biological Source: Isol. from *Jatropha glandulifera* and *Jatropha curcas*

Physical Description: Needles (EtOAc/petrol)

Melting Point: Mp 245-248°

Optical Rotation: [α]_D -56

>>Derivative: 5''-Methoxy

Synonym(s): Cleomiscosin D

CAS Registry Number: 94062-49-4

Molecular Formula: C₂₁H₂₀O₉

Molecular Weight: 416.384

Accurate Mass: 416.110735

Percentage Composition: C 60.58%; H 4.84%; O 34.58%

Biological Source: Isol. from *Cleome viscosa* seeds and *Salsola laricifolia*

Physical Description: Needles (MeOH/EtOAc)

Melting Point: Mp 243-244°

>>Derivative: 6-Demethoxy, 5''-methoxy, 4''-O-β-D-glucopyranoside

CAS Registry Number: 231287-98-2

Molecular Formula: C₂₆H₂₈O₁₃

Molecular Weight: 548.499

Accurate Mass: 548.152995

Percentage Composition: C 56.93%; H 5.15%; O 37.92%

Biological Source: Constit. of *Daphne oleoides*

Physical Description: Needles (MeOH)

Melting Point: Mp 254-255°

Optical Rotation: [α]_D +23.5 (c, 0.1 in DMSO)

Other Data: Incorrectly named as a Daphneticin glucoside in ref.

References: