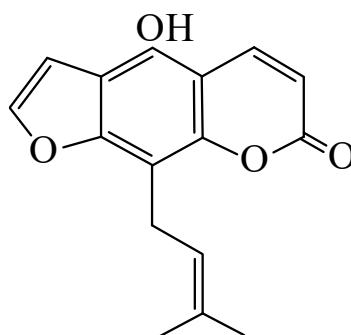




>>Entry Name: Alloisoperatorin

ENTRY UNDER REVIEW

Synonym(s): 4-Hydroxy-9-(3-methyl-2-butenyl)-7*H*-furo[3,2-*g*][1]benzopyran-7-one, 9Cl



CAS Registry Number: 35214-83-6

Molecular Formula: C₁₆H₁₄O₄

Molecular Weight: 270.284

Accurate Mass: 270.08921

Percentage Composition: C 71.10%; H 5.22%; O 23.68%

Biological Source: Constit. of *Angelica dahurica*

Physical Description: Cryst.

Melting Point: Mp 228-230°

>>Derivative: Me ether

Synonym(s): Swietenocoumarin B

CAS Registry Number: 64652-23-9

Biological Source: Constit. of *Chloroxylon swietenia*

Physical Description: Prisms (hexane)

Melting Point: Mp 145°

>>Derivative: 2',3'-Epoxide, Me ether

Synonym(s): Swietenocoumarin D

CAS Registry Number: 64652-25-1

Molecular Formula: C₁₇H₁₆O₅

Molecular Weight: 300.31

Accurate Mass: 300.099775

Percentage Composition: C 67.99%; H 5.37%; O 26.64%

Biological Source: Isol. from *Chloroxylon swietenia*

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 150°

>>Derivative: 2',3'-Dihydro, 2',3'-dihydroxy, Me ether

Synonym(s): Swietenocoumarin F

CAS Registry Number: 64652-27-3

Molecular Formula: C₁₇H₁₈O₆

Molecular Weight: 318.326

Accurate Mass: 318.11034

Percentage Composition: C 64.14%; H 5.70%; O 30.16%

Biological Source: Constit. of *Chloroxylon swietenia*

Physical Description: Pale brown prisms (C₆H₆/Me₂CO)

Melting Point: Mp 178-179°

Other Data: Racemic