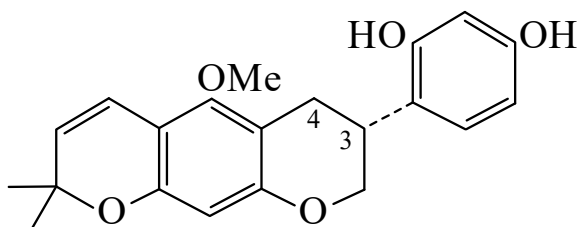




>>Entry Name: Neorauflavane

Synonym(s): 4-(3,4-Dihydro-5-methoxy-8,8-dimethyl-2*H*,8*H*-benzo[1,2-*b*:5,4-*b'*]dipyran-3-yl)-1,3-benzenediol, 9Cl



CAS Registry Number: 53734-74-0

Molecular Formula: C₂₁H₂₂O₅

Molecular Weight: 354.402

Accurate Mass: 354.146725

Percentage Composition: C 71.17%; H 6.26%; O 22.57%

Biological Source: Isol. from *Neorautanenia edulis*

>>Derivative: Di-Me ether

CAS Registry Number: 53354-51-1

Molecular Formula: C₂₃H₂₆O₅

Molecular Weight: 382.455

Percentage Composition: C 72.23%; H 6.85%; O 20.92%

Physical Description: Cryst. (C₆H₆/hexane)

Melting Point: Mp 132.9°

Optical Rotation: $[\alpha]_D^{22} -7.78$ (c, 0.2 in CHCl₃)

>>Derivative: 3,4-Didehydro

Synonym(s): Neorauflavene

CAS Registry Number: 53734-75-1

Molecular Formula: C₂₁H₂₀O₅

Molecular Weight: 352.386

Accurate Mass: 352.131075

Percentage Composition: C 71.58%; H 5.72%; O 22.70%

Biological Source: From *Neorautanenia edulis*

Physical Description: Oil (as di-Me ether)

>>Derivative: 5-Demethoxy, 4'-Me ether

Synonym(s): Gancaonin X

CAS Registry Number: 160825-65-0

Molecular Formula: C₂₁H₂₂O₄

Molecular Weight: 338.402

Accurate Mass: 338.15181

Percentage Composition: C 74.54%; H 6.55%; O 18.91%

Biological Source: Constit. of *Glycyrrhiza uralensis*

References:

Brink, A.J. *et al.*, *Tetrahedron*, 1974, **30**, 311

Fukai, T. *et al.*, *Nat. Med. (Tokyo)*, 1994, **48**, 203, (*Gancaonin X*)