



Molecular Formula: C₁₆H₁₇NO₃
Molecular Weight: 271.315
Accurate Mass: 271.120844
Percentage Composition: C 70.83%; H 6.32%; N 5.16%; O 17.69%
Biological Source: Alkaloid from the stem bark of *Oricia renieri* (Rutaceae)
Physical Description: Oil

>>Derivative: 8-Methoxy
Synonym(s): 8-Methoxyflindersine

CAS Registry Number: 35989-00-5

Molecular Formula: C₁₅H₁₅NO₃
Molecular Weight: 257.288
Accurate Mass: 257.105194
Percentage Composition: C 70.02%; H 5.88%; N 5.44%; O 18.66%
Biological Source: Alkaloid from *Myrtopsis macrocarpa* (Rutaceae)
Physical Description: Needles (Et₂O)
Melting Point: Mp 178°

>>Derivative: 8-Methoxy, *N*-Me
Synonym(s): Zanthobungeanine

CAS Registry Number: 64190-94-9

Molecular Formula: C₁₆H₁₇NO₃
Molecular Weight: 271.315
Accurate Mass: 271.120844
Percentage Composition: C 70.83%; H 6.32%; N 5.16%; O 17.69%
Biological Source: Alkaloid from roots of *Zanthoxylum bungeanum* (Rutaceae)
Physical Description: Cryst. (C₆H₆)
Melting Point: Mp 77-78°
Solubility: BERDY SOL: Poorly sol. hexane

>>Derivative: 8-Methoxy, *N*-(acetoxymethyl)
Synonym(s): Zanthophylline

CAS Registry Number: 65560-23-8

Molecular Formula: C₁₈H₁₉NO₅
Molecular Weight: 329.352
Accurate Mass: 329.126324
Percentage Composition: C 65.64%; H 5.81%; N 4.25%; O 24.29%
Biological Source: Alkaloid from stems and branches of *Zanthoxylum monophyllum* (Rutaceae)
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 126-127°

>>Derivative: 6,7-Dimethoxy, *N*-Me
see Oricine, [GNM49-B](#)

>>Derivative: 7,8-Dimethoxy, *N*-Me
see Veprisine, [GNM45-X](#)

>>Derivative: 7-(3-Methyl-2-butenyloxy)
Synonym(s): 7-Prenyloxyflindersine

CAS Registry Number: 177857-28-2

Molecular Formula: C₁₉H₂₁NO₃
Molecular Weight: 311.38
Accurate Mass: 311.152144
Percentage Composition: C 73.29%; H 6.80%; N 4.50%; O 15.41%
Biological Source: Alkaloid from leaves of *Vepris bilocularis*
Physical Description: Cryst. (Et₂O/petrol)
Melting Point: Mp 165-167°