



**Molecular Formula:** C<sub>16</sub>H<sub>17</sub>NO<sub>3</sub>  
**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:** C<sub>15</sub>H<sub>15</sub>NO<sub>3</sub>  
**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 (Et<sub>2</sub>O)  
**Melting Point:** Mp 178°

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

**CAS Registry Number:** 64190-94-9

**Molecular Formula:** C<sub>16</sub>H<sub>17</sub>NO<sub>3</sub>  
**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. (C<sub>6</sub>H<sub>6</sub>)  
**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:** C<sub>18</sub>H<sub>19</sub>NO<sub>5</sub>  
**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:** C<sub>19</sub>H<sub>21</sub>NO<sub>3</sub>  
**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. (Et<sub>2</sub>O/petrol)  
**Melting Point:** Mp 165-167°