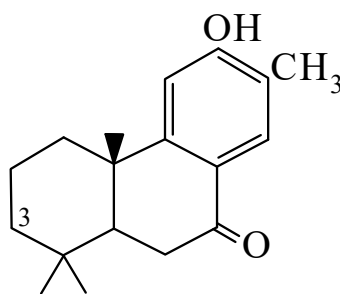




>>Entry Name: 12-Hydroxy-13-methyl-8,11,13-podocarpatrien-7-one

Synonym(s): Nimbiol



CAS Registry Number: 561-95-5

Molecular Formula: C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>

Molecular Weight: 272.386

Accurate Mass: 272.17763

Percentage Composition: C 79.37%; H 8.88%; O 11.75%

Biological Source: Constit. of *Melia azadirachta*

Physical Description: Cryst.

Melting Point: Mp 244°

Optical Rotation: [α]<sub>D</sub> +32.3 (CHCl<sub>3</sub>)

>>Derivative: Me ether

Synonym(s): 12-Methoxy-13-methyl-8,11,13-podocarpatrien-7-one. **Methylnimbiol**

CAS Registry Number: 123123-15-9

Molecular Formula: C<sub>19</sub>H<sub>26</sub>O<sub>2</sub>

Molecular Weight: 286.413

Accurate Mass: 286.19328

Percentage Composition: C 79.68%; H 9.15%; O 11.17%

Biological Source: Constit. of *Azadirachta indica*

Physical Description: Plates (hexane)

Melting Point: Mp 142-143°

>>Derivative: 3-Oxo

Synonym(s): 12-Hydroxy-13-methyl-8,11,13-podocarpatriene-3,7-dione. **Nimbinone**

CAS Registry Number: 116425-92-4

Molecular Formula: C<sub>18</sub>H<sub>22</sub>O<sub>3</sub>

Molecular Weight: 286.37

Accurate Mass: 286.156895

Percentage Composition: C 75.50%; H 7.74%; O 16.76%

Biological Source: Isol. from *Azadirachta indica*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 124-125°

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