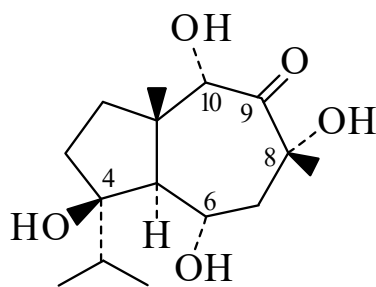




>>Entry Name: 4,6,8,10-Tetrahydroxy-9-daucanone



**Molecular Formula:** C<sub>15</sub>H<sub>26</sub>O<sub>5</sub>

**Molecular Weight:** 286.367

**Accurate Mass:** 286.178025

**Percentage Composition:** C 62.91%; H 9.15%; O 27.94%

>>Variant: (4β,6α,8α,10α)-form

**Molecular Formula:** C<sub>15</sub>H<sub>26</sub>O<sub>5</sub>

**Molecular Weight:** 286.367

**Accurate Mass:** 286.178025

**Percentage Composition:** C 62.91%; H 9.15%; O 27.94%

>>Derivative: 10-Angeloyl

**Synonym(s):** Laserol

**CAS Registry Number:** 25491-14-9

**Molecular Formula:** C<sub>20</sub>H<sub>32</sub>O<sub>6</sub>

**Molecular Weight:** 368.469

**Accurate Mass:** 368.21989

**Percentage Composition:** C 65.19%; H 8.75%; O 26.05%

**Biological Source:** Constit. of *Laserpitium latifolium*

**Physical Description:** Cryst.

**Melting Point:** Mp 148°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>20</sup>+108

>>Derivative: 6,10-Diangeloyl

**Synonym(s):** Laserpitine‡

**CAS Registry Number:** 7067-12-1

**Molecular Formula:** C<sub>25</sub>H<sub>38</sub>O<sub>7</sub>

**Molecular Weight:** 450.571

**Accurate Mass:** 450.261755

**Percentage Composition:** C 66.64%; H 8.50%; O 24.86%

**Biological Source:** Constit. of *Laserpitium latifolium*

**Physical Description:** Cryst.

**Melting Point:** Mp 117°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>20</sup>+119 (EtOH)

**Rare Chemicals Library:** S40461-6

>>Derivative: 6-(2-Methylpropanoyl),10-angeloyl

**Molecular Formula:** C<sub>24</sub>H<sub>38</sub>O<sub>7</sub>

**Molecular Weight:** 438.56

**Accurate Mass:** 438.261755

**Percentage Composition:** C 65.73%; H 8.73%; O 25.54%

**Biological Source:** Constit. of *Laserpitium latifolium*

**Physical Description:** Amorph. powder

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>23</sup>+85 (c, 0.064 in EtOH)