TYPICAL PHYSICAL PROPERTIES

- **ODOR TYPE** - FLORAL

**OCURRENCE IN NATURE**

Found in oils of flowers of Boronia Megastigma Nees, renna, in violet moss and in oil of costus root.

**APPLICATION INFORMATION**

Used in many floral accords. Gives a violet flower nuance to compositions, but is also used in rose, woody, amber, balsamic and powdery fragrances.

**CHEMICAL STRUCTURE**

\[
(E)-4-(2,6,6-Trimethylcyclohex-2-enyl)but-3-en-2-one \text{ (and isomers)}
\]

![Chemical Structure](Image)

Chemical formula - C_{13}H_{20}O

**SYNONYM**

4-(2,6,6-Trimethylcyclohex-2-ene-1-yl)-but-3-ene-2-one

**TENACITY ON BLOTTER**

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<tr>
<td>HOURS</td>
<td>DAYS</td>
<td>WEEKS</td>
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**BLOOM DIFFUSIVITY**

- Poor
- Fair
- Good
- Very

**TYPICAL USE LEVEL**

- Hypochlorite bleach
- Perborate Powder Detergent
- Perborate Powder Detergent
- Liquid Detergent
- Concentrated Fabric Softeners
- Soaps
- Alcoholic fine fragrances
- Toiletry Applications
- Antiperspirants

**STABILITY**

- Poor
- Fair
- Good

**SUBSTANTIETY**

- Skin
- Dry Fabric
- Wet Fabric
- Hair

**COMPOSITION**

- Flash Point °C: 110 °C
- [α]D° minimum: -
- GC: 70% min. as Ionone Alpha
- Appearance: Colorless to pale yellow liquid
- CAS No.: 127-41-3, 14901-07-6
- M.W.: 192.30
- FEMA / GRAS No.: 2594
- Food Grade Cert.: Not determine
- ClogP: 4.29
- Vapor Pressure: 3.620 Pa at 25°C
- Chemical formula: \( C_{13}H_{20}O \)
- GC: 70% min. as Ionone Alpha
- Appearance: Colorless to pale yellow liquid
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- M.W.: 192.30
- FEMA / GRAS No.: 2594
- Food Grade Cert.: Not determine
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- Vapor Pressure: 3.620 Pa at 25°C

**TYPICAL USE LEVEL**

- 0% 1% 2% 3% 4% 5% > 10% 15% 20% 30%