



IONONE ALPHA

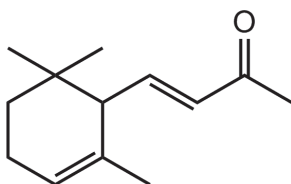
FLORAL, VIOLET, WOODY, FRUITY

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 (and isomers)



Chemical formula - C₁₃H₂₀O

SYNONYM

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

TENACITY ON BLOTTER

00

HOURS

> 02

DAYS

00

WEEKS

BLOOM DIFFUSIVITY



POOR



FAIR



GOOD



VERY

TYPICAL USE LEVEL



OCCURENCE IN NATURE

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

TYPICAL PHYSICAL PROPERTIES

- Flash Point °C	110 °C
- [α] _D ²⁰ 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

PROPERTIES

	STABILITY	POOR	FAIR	GOOD
- Hypochlorite bleach		●		
- Perborate Powder Detergent				●
- Liquid Detergent				●
- Concentrated Fabric Softeners				●
- Soaps				●
- Alcoholic fine fragrances				●
- Toiletry Applications				●
- Antiperspirants				●
	SUBSTANTIVITY	POOR	FAIR	GOOD
- Skin				●
- Dry Fabric				●
- Wet Fabric				●
- Hair				●