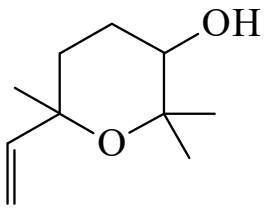
>>**Entry Name: Tetrahydro-3-hydroxy-2,2,6-trimethyl-6-vinylpyran**
Synonym(s): 6-Ethenyl-3,4,5,6-tetrahydro-2,2,6-trimethyl-2*H*-pyran-3-ol. 3-Hydroxy-2,2,6-trimethyl-6-vinyltetrahydropyran. **Cnidiol C.** Linalool 3,7-oxide



CAS Registry Number: 14049-11-7
Related CAS Registry Numbers(s): 11063-77-7 11063-78-8 14009-71-3 39028-58-5
Extra CAS Registry Numbers(s): 1365-19-1

Molecular Formula: $C_{10}H_{18}O_2$
Molecular Weight: 170.251
Accurate Mass: 170.13068
Percentage Composition: C 70.55%; H 10.66%; O 18.80%

Biological Source: Constit. of *Tanacetum boreale* and *Ajania fastigiata, Citrus* spp. and others
Use/Importance: Important perfumery ingredient
Physical Description: Oil
Boiling Point: Bp_{10} 97-98°
Optical Rotation: $[\alpha]_D^{20}$+15.8

cis-forms respec.

>>**Derivative:** *O*-[β-D-Apiofuranosyl-(1→6)-β-D-glucopyranoside]

Extra CAS Registry Numbers(s): 184488-16-2 184488-17-3

Molecular Formula: $C_{21}H_{36}O_{11}$
Molecular Weight: 464.509
Accurate Mass: 464.225765
Percentage Composition: C 54.30%; H 7.81%; O 37.89%
Biological Source: Constit. of the leaves of *Camellia sinensis* var. *sinensis*
Other Data: Occurs as *cis*- and *trans*-isomers

>>**Derivative:** *O*-[β-D-Xylopyranosyl-(1→6)-β-D-glucopyranoside]
Synonym(s): Linalool 3,7-oxide β-primeveroside

Molecular Formula: $C_{21}H_{36}O_{11}$
Molecular Weight: 464.509
Accurate Mass: 464.225765
Percentage Composition: C 54.30%; H 7.81%; O 37.89%
Biological Source: Constit. of *Camellia sinensis* var. *sinensis*
Other Data: *trans*-Isomer isol.

>>**Derivative:** Ac
CAS Registry Number: 67674-42-4

Molecular Formula: $C_{12}H_{20}O_3$
Molecular Weight: 212.288
Accurate Mass: 212.141245
Percentage Composition: C 67.89%; H 9.50%; O 22.61%
Biological Source: From *Tanacetum boreale* and *Ajania fastigiata*
Physical Description: Oil
Boiling Point: Bp_{10} 98-99°
Optical Rotation: $[\alpha]_D^{20}$+17.5