

## Product Information

### Voleneol

**Cat. No.:** X22-05-ZQ531

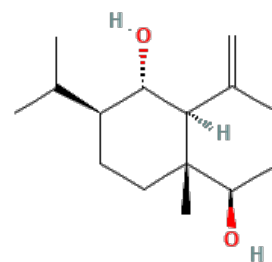
**Size:** 5 mg; 10 mg; 20 mg

**CAS Number:** 70389-88-7

**Compound CID:** 14137570

**Synonym:** 70389-88-7; Voleneol;

(1*S*,2*S*,4*aR*,5*R*,8*aS*)-4a-Methyl-8-methylidene-2-propan-2-yl-1,2,3,4,5,6,7,8a-octahydronaphthalene-1,5-diol



**This product is for research use only and is not intended for diagnostic use.**

### Product Information

<b>Description</b>	Voleneol can attenuate the lipopolysaccharide (LPS)-induced inflammation in BV2 microglial cells, it also can dose-dependently suppress the protein expression of inducible nitric oxide synthase and cyclooxygenase-2. This product can be used for biological activity research.
<b>Molecular Weight</b>	238.369
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>26</sub> O <sub>2</sub>
<b>IUPAC Name</b>	(1 <i>S</i> ,2 <i>S</i> ,4 <i>aR</i> ,5 <i>R</i> ,8 <i>aS</i> )-4a-Methyl-8-methylidene-2-propan-2-yl-1,2,3,4,5,6,7,8a-octahydronaphthalene-1,5-diol
<b>InChI</b>	InChI=1S/C15H26O2/c1-9(2)11-7-8-15(4)12(16)6-5-10(3)13(15)14(11)17/h9,11-14,16-17H,3,5-8H2,1-2,4H3/t11-,12+,13+,14-,15-/m0/s1
<b>InChI Key</b>	WKKJGHCXVKEJNU-QRTUWBSPSA-N
<b>Canonical SMILES</b>	CC(C)C1CCC2(C(CCC(=C)C2C1O)O)C
<b>Isomeric SMILES</b>	CC(C)[C@@H]1CC[C@]2([C@@H](CCC(=C)[C@@H]2[C@H]1O)O)C
<b>Form</b>	Off-white powder
<b>Purity</b>	≥95%, determined by HPLC.
<b>Identity</b>	Confirmed by MS and NMR.
<b>Stability</b>	The product is stable for two years when stored at the recommended temperature.
<b>Applications</b>	Voleneol can be used for biological activity research.
<b>Storage</b>	Store at 4°C. Protect from light.



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## Safety Information

**Personal Protective Equipment**      Gloves, eyeshields, N95 mask

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