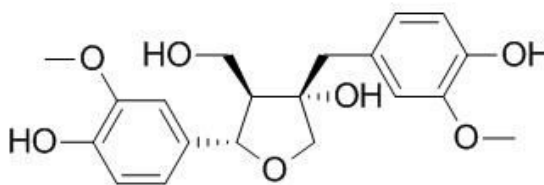


## Olivil Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)**[ Product Information ]****Name:** Olivil**Catalog No.:** CFN98365**Cas No.:** 2955-23-9**Purity:** > 95%**M.F:** C<sub>20</sub>H<sub>24</sub>O<sub>7</sub>**M.W:** 376.4**Physical Description:** Powder**Synonyms:** (3S,4R,5S)-3-(4-Hydroxy-3-methoxybenzyl)-5-(4-hydroxy-3-methoxyphenyl)-4-(hydroxymethyl)tetrahydrofuran-3-ol.**[ Intended Use ]**

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

**[ Source ]**The roots of *Valeriana officinalis*.

## **[ Biological Activity or Inhibitors ]**

Olivil-type lignans have antioxidant activity.<sup>[1]</sup>

(-)-Olivil is an antioxidant or a free radical scavenger.<sup>[2]</sup>

## **[ Solvent ]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

## **[ HPLC Method ]<sup>[3]</sup>**

Mobile phase: Chloroform-Methanol-EtOAc=10:1:0.5;

Flow rate:1.0 ml/min;

Column temperature:Room Temperature;

The wave length of determination:227 nm.

## **[ Storage ]**

2-8°C, Protected from air and light, refrigerate or freeze.

## **[ References ]**

[1] Yamauchi S, Hayashi Y, Kirikihira T, *et al. Biosci. Biotechnol. Biochem.*,2005 Jan;69(1):113-22.

[2] Rao J M, Tiwari A K, Kumar U S, *et al. US6592911[P].* 2003.

[3] Zhang X, Li B, Zhou M, *et al. Chinese Journal of Applied & Environmental Biology*, 2006,12(2):163-9.

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