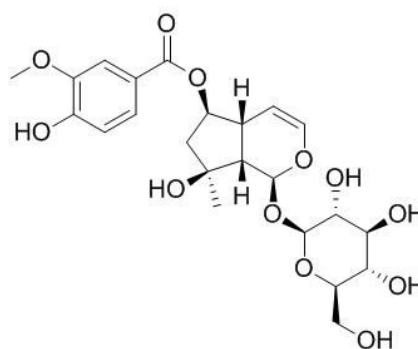


6-O-Vanilloylajugol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 6-O-Vanilloylajugol**Catalog No.:** CFN99354**Cas No.:** 124168-04-3**Purity:** > 95%**M.F:** C₂₃H₃₀O₁₂**M.W:** 498.5**Physical Description:** Powder

Synonyms: 6-O-Triisopropylsilylglucal; (1S,4aR,5R,7S,7aS)-1-(β-D-Glucopyranosyloxy)-7-hydroxy-7-methyl-1,4a,5,6,7,7a-hexahydrocyclopenta[c]pyran-5-yl-4-hydroxy-3-methoxybenzoate.

[Intended Use]

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

[Source]

The herbs of *Rehmannia glutinosa* (Gaert.) Libosch. ex Fisch. et Mey.

[Biological Activity or Inhibitors]

6-O-Vanilloylajugol demonstrates scavenging properties toward the 2,2-diphenyl-1-picrylhydrazyl (DPPH) radical.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 208 nm.

[Storage]

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

[References]

[1] Akdemir ZŞ, Tatli I I, Bedir E, *et al. Turk. J.Chem., 2004, 28(2):227-34.*

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