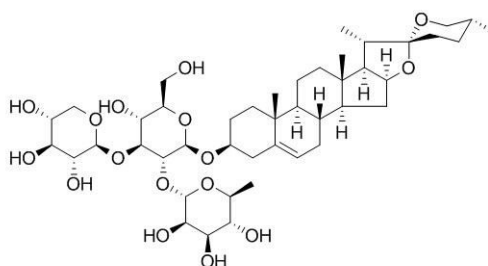


Ophiopogonin D' Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Ophiopogonin D'**Catalog No.:** CFN90503**Cas No.:** 65604-80-0**Purity:** >=98%**M.F:** C₄₄H₇₀O₁₆**M.W:** 855.02**Physical Description:** Powder**Synonyms:** Diosgenin-3-O-[alpha-L-rhamnopyranosyl-(1-2)][beta-D-xylopyranosyl-(1-3)]-beta-D-glucopyranoside.

[Intended Use]

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

[Source]

The roots of *Ophiopogon japonicus*.

[Biological Activity or Inhibitors]

Ophiopogonin D' (OD') noncompetitively inhibits UDP-glucuronosyltransferases (UGTs) 1A6 and UGT1A10.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O=48:52 ;

Flow rate: 0.8 ml/min;

Column temperature: 33 °C;

The wave length of determination: 208 nm.

[Storage]

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

[References]

[1] Jiang L P, Zhao J, Cao Y F, *et al. Evid.-Based Compl. Alt. Med.*, 2014, 2014:594354.

[2] Gong K M, Zhao H Q, Ji H J, *et al. Chinese Journal of Experimental Traditional Medical Formulae*, 2014, 93(93):231-42.

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