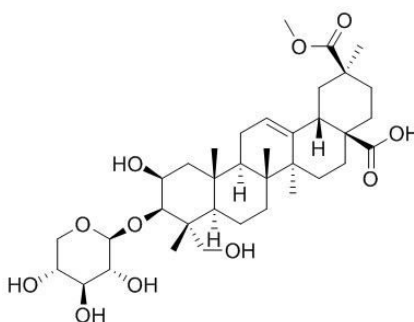


Esculentoside B Datasheet

5th Edition (Revised in January, 2017)**[Product Information]****Name:** Esculentoside B**Catalog No.:** CFN98163**Cas No.:** 60820-94-2**Purity:** >=98%**M.F:** C₃₆H₅₆O₁₁**M.W:** 664.82**Physical Description:** White powder**Synonyms:** Phytolaccoside B; Phytolaccagenin 3-O-β-D-xylopyranoside.**[Intended Use]**

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

[Source]The roots of *Phytolacca acinosa* Roxb.**[Biological Activity or Inhibitors]**

Phytolaccoside B (Esculentoside B) is an antifungal monodesmoside triterpenoid

glycoside. [1]

Phytolaccoside B has potent inhibitory activity against agrobacterial plant transformation.[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method][3]

HPLC-ELSD:

Mobile phase: Methanol-0.4% Glacial acetic acid =70:30 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

Drift tube temperature: 76.5 °C;

Flow rate of gas :2.1 L/min.

[Storage]

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

[References]

[1] Escalante A, Gattuso M, Pérez P, *et al. J. Nat. Prod.*, 2008, 71(10):1720-5.

[2] Kanzaki H, Kagemori T, Yamachika Y, *et al. Biosci. Biotech. Biochem.*, 1999, 63(9): 1657-9.

[3] Ma J, Chen Q L, Lai D W, *et al. J. Liq. Chromatogr. R. T.*, 2010, 33(4):563-71.

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