



Liriope muscari baily saponins C Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Liriope muscari baily saponins C

Catalog No.: CFN90194

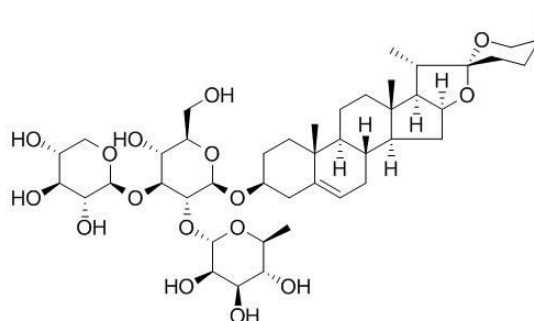
Cas No.: 87480-46-4

Purity: > 98%

M.F: C₄₄H₇₀O₁₄

M.W: 855.02

Physical Description: Powder



Synonyms: (3beta,25S)-Spirost-5-en-3-yl-O-6-deoxy-alpha-L-mannopyranosyl-(1-2)-O-[beta-eta-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 root tuber of *Liriope muscari*.

[Biological Activity or Inhibitors]

Liriope muscari baily saponins C has an anti-thrombotic activity due to down-regulation of the increased mRNA expression levels of IL-6 and TF.^[1]

[Solvent]

Pyridine, DMSO, Methanol, Hot water, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile -H₂O=42:58 ;

Flow rate: 1.0 ml/min;

Column temperature: 40 °C;

The wave length of determination: 203 nm.

[Storage]

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

[References]

[1] Tian Y, Ma S, Lin B, *et al. Indian J. Pharmacol.*, 2013, 45(3):283-5.

[2] Wang X M, Wu Y, Zhang W, *et al. Chinese Journal of Experimental Traditional Medical Formulae*, 2015(14):28-31.

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