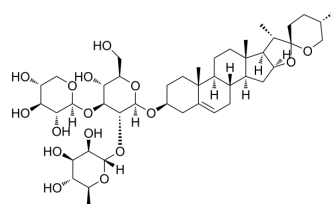


(3β,25S)-Spirost-5-en-3-yl O-6-deoxy-α-L-mannopyranosyl-(1→2)-O-[β-D-xylopyranosyl-(1→3)]-β-D-glucopyranoside

Cat. No.:	HY-N0345
CAS No.:	87480-46-4
Molecular Formula:	C ₄₄ H ₇₀ O ₁₆
Molecular Weight:	855.02
Target:	Others
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: 2.5 mg/mL (2.92 mM); Suspended solution; Need ultrasonic
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (2.92 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (2.92 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Liriope muscari baily saponins C is one of major active compounds of *L. muscari* (Decne.) Baily. Liriope muscari baily saponins C possesses strong anti-inflammatory, immunopharmacological and cardioprotective activities. Liriope muscari baily saponins C has been studied as a candidate agent for cancer metastasis^[1].

REFERENCES

[1]. Ma S, et al. Safety evaluation of steroidal saponin DT-13 isolated from the tuber of *Liriope muscari* (Decne.) Baily. *Food Chem Toxicol.* 2011 Sep;49(9):2243-51.

Caution: Product has not been fully validated for medical applications. For research use only.

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