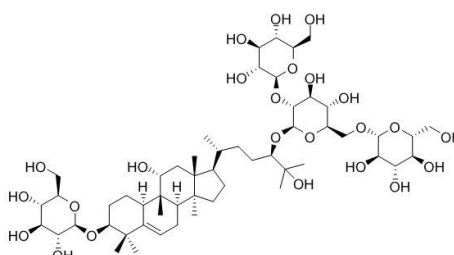


Siamenoside I Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Siamenoside I**Catalog No.:** CFN90398**Cas No.:** 126105-12-2**Purity:** >=98%**M.F:** C₅₄H₉₂O₂₄**M.W:** 1125.29**Physical Description:** Powder

Synonyms: (3β,9β,10α,11α,24R)-3-(β-D-Glucopyranosyloxy)-11,25-dihydroxy-9-methyl-19-norlanost-5-en-24-yl-O-β-D-glucopyranosyl-(1-2)-O-[β-D-glucopyranosyl-(1-6)]-β-D-glucopyranoside.

**[Intended Use]**

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

[Source]The leaves of *Momordica grosvenori* Swingle.

[Biological Activity or Inhibitors]

Siamenoside I exhibits maltase inhibitory effect with IC50 values of 10 mM, suggests that it may exert anti-hyperglycemic effects in rats by inhibiting maltase activity.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile- H₂O=23:77 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Suzuki YA , Murata Y., Inui H,*et al. J.Agr. Food Chem., 2005, 53(8):2941-6.*

[2] Zhang Y Z, Qi X Y, Chen W J, *et al. Food Sci., 2006,27(7):224-7.*

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