

Jujuboside D Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Jujuboside D

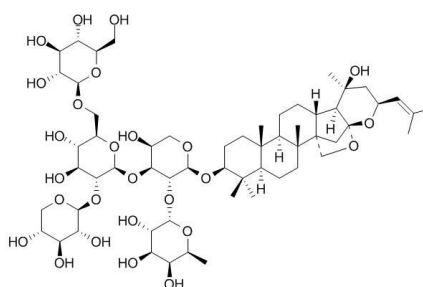
Catalog No.: CFN98103

Cas No.: 194851-84-8

Purity: >=98%

M.F: C₅₈H₉₄O₂₆

M.W: 1207.35



Physical Description: White powder

Synonyms: (3 β ,16 β ,23R)-16,23:16,30-Diepoxy-20-hydroxydammar-24-en-3-yl

O-6-deoxy-alpha-D-galactopyranosyl-(1-2)-O-[O-beta-D-glucopyranosyl-(1-6)-O-[beta-D-xylopyranosyl-(1-2)]-beta-D-glucopyranosyl-(1-3)]-alpha-L-arabinopyranoside.

[Intended Use]

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

[Source]

The seeds of *Ziziphus jujuba*.

[Biological Activity or Inhibitors]

Jujubosides have hypnotic effect on normal rats, may be influenced by circadian rhythm and the serotonergic system may involve in the hypnotic effect of jujubosides, jujubosides may be good source of lead compounds for novel hypnotics. ^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile- 0.05% Formic acid H₂O=35:65 ;

Flow rate: 0.8ml/min;

Column temperature: 30 °C;

The wave length of determination: 204nm.

[Storage]

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

[References]

[1] Cao J X, Zhang Q Y, Cui S Y, *et al. J. Ethnopharmacol.*, 2010, 130(1):163-6.

[2] Li X Y, Gao Z, An X N, *et al. Food Sci Technol*, 2014(12):299-302.

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