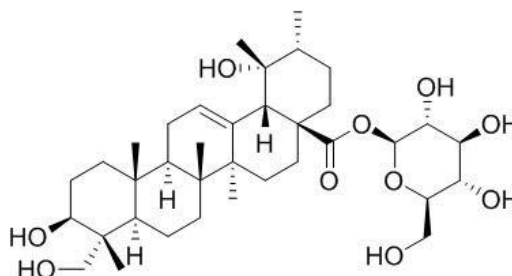


## Pedunculoside Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)**[ Product Information ]****Name:** Pedunculoside**Catalog No.:** CFN99701**Cas No.:** 42719-32-4**Purity:** >=98%**M.F:** C<sub>36</sub>H<sub>58</sub>O<sub>10</sub>**M.W:** 650.84**Physical Description:** White powder**Synonyms:** 1-O-[(3 $\beta$ )-3,19,23-Trihydroxy-28-oxours-12-en-28-yl]- $\beta$ -D-glucopyranose.**[ Intended Use ]**

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

**[ Source ]**The barks of *Ilex rotunda* Thunb.**[ Biological Activity or Inhibitors ]**

Pedunculoside shows significant hypocholesterolemic activity on dietary administration to

hyperlipidemic albino rats.<sup>[1]</sup>

Pedunculoid has anti-inflammation potency.<sup>[2]</sup>

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

## **[ HPLC Method ]<sup>[3]</sup>**

Mobile phase: Acetonitrile-H<sub>2</sub>O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 210 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Jahromi M A F, Gupta M, Manickam M, *et al. Pharm. Biol.*, 1999, 37(1):37- 41.

[2] Liu C, Zhang W, Yang H, *et al. Plos One*, 2014, 9(9):e101761.

[3] Feng Y H, Qin J P, Huang Z P, *et al. China Pharmacy*, 2016, 27(6):818-20.

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