

Rebaudioside B Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Rebaudioside B

Catalog No.: CFN90470

Cas No.: 58543-17-2

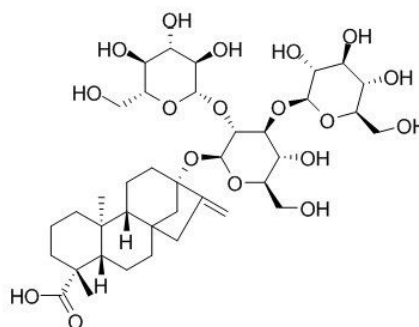
Purity: >=98%

M.F: C₃₈H₆₀O₁₈

M.W: 804.87

Physical Description: Powder

Synonyms: (4R)-13-[(2-O-β-D-Glucopyranosyl-3-O-β-D-glucopyranosyl-β-D-glucopyranosyl)oxy]kaur-16-en-18-oic acid; Stevioside a4.



[Intended Use]

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

[Source]

The leaves of *Stevia rebaudiana* Bertoni.

[Biological Activity or Inhibitors]

Rebaudioside B is a sweet component of *Stevia rebaudiana*.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile- 10 mM Sodium phosphate buffer (pH=2.63)=32:68;

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] Chaturvedula V S P, Prakash I. *Int. J. Biol. Med. Res.*,2011; 2(4):1090-3.

[2] Venkata Sai Prakash Chaturvedula, Julian Zamora. *Food and Nutrition Sciences*, 2014,5,1711-6.

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