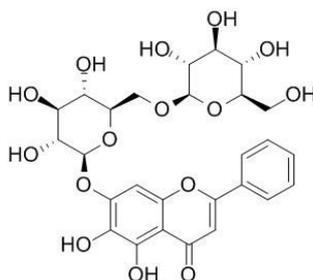


Oroxin B Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Oroxin B**Catalog No.:** CFN99713**Cas No.:** 114482-86-9**Purity:** >=98%**M.F:** C₂₇H₃₀O₁₅**M.W:** 594.52**Physical Description:** Yellow powder**Synonyms:** Baicalein-7-O-b-gentiobioside; Baicalein-7-O-diglucoside;

4H-1-Benzopyran-4-one, 7-[(6-O-b-D-glucopyranosyl-b-D-glucopyranosyl)oxy]-5,6-dihydroxy-2-phenyl-.

**[Intended Use]**

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

[Source]The roots of *Scutellaria baicalensis*.

[Biological Activity or Inhibitors]

Oroxin B can selectively induce tumor-suppressive ER stress and concurrently inhibit tumor-adaptive ER stress in B-lymphoma cells for effective anti-lymphoma therapy.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile- 0.3% Acetic acid H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 277 nm.

[Storage]

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

[References]

[1] Yang P, Fu S, Cao Z, *et al. Toxicol. Appl. Pharm.*, 2015, 288(2):269-79.

[2] Zhou Y Q, Zhang Q W, Li S L, *et al. Curr. Pharm. Anal.*, 2012, 8(2):206-13.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com