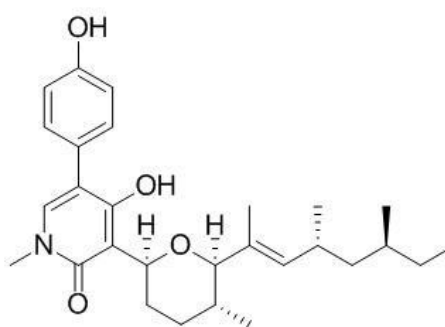


Sambutoxin Datasheet

5th Edition (Revised in January, 2017)**[Product Information]****Name:** Sambutoxin**Catalog No.:** CFN99672**Cas No.:** 160047-56-3**Purity:** > 95%**M.F:** C₂₈H₃₉NO₄**M.W:** 453.6**Physical Description:** Powder**Synonyms:** 2-Hydroxy-5-(4-hydroxyphenyl)-1-methyl-3-[(2S,5R,6R)-5-methyl-6-[(1E,3R,5S)-1,3,5-trimethylhept-1-en-1-yl]tetrahydro-2H-pyran-2-yl]pyridin-4(1H)-one.**[Intended Use]**

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

[Source]

The rotted potato tubers.

[Biological Activity or Inhibitors]

Sambutoxin, a new mycotoxin produced by toxic *Fusarium* isolates obtained from rotted potato tubers, it can cause toxic effects in rats, including body weight loss, feed refusal, hemorrhage in the stomach and intestines, and, finally, death when rats were fed diets supplemented with 0.05 and 0.1% sambutoxin.^[1]

Sambutoxin inhibits rabbit platelet aggregation, which may be partly due to the decrease of ATP release.^[2]

Sambutoxin has in vitro cytotoxicity against various human and murine tumor cells and values of sambutoxin ranged from 46.2 to 1,425.6 ng/ml. ^[3]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Lee J C, Kim Y W. *Appl. Environ. Microbiol.*, 1994, 60(12):4380-6.

[2] Hong Choong-Man, Cho Myung-Haeng. *Toxicol. Res.*, 1998, 14(4):333-9.

[3] Kim J C, Park J B, Kim G W, et al. *Agric. Chem. Biotechnol.*, 1988, 41(4):273-4.

[Contact]

Address:
S5-3 Building, No. 111, Dongfeng Rd.,

Email: info@chemfaces.com
Tel: +86-27-84237783

Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com