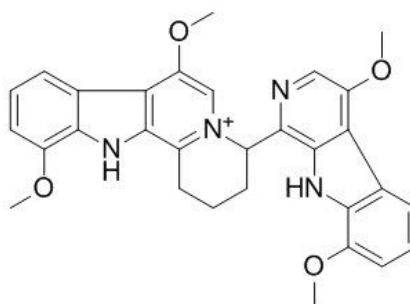


## Picrasidine S Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)**[ Product Information ]****Name:** Picrasidine S**Catalog No.:** CFN99223**Cas No.:** 112503-87-4**Purity:** > 95%**M.F:** C<sub>30</sub>H<sub>29</sub>N<sub>4</sub>O<sub>4</sub>**M.W:** 509.6**Physical Description:** Yellow powder**Synonyms:** 1H-Indolo[2,3-a]quinolizin-5-ium,4-(4,8-dimethoxy-9H-pyrido[3,4-b]indol-1-yl)-2,3,4,12-tetrahydro-7,11-dimethoxy-(9Cl).**[ Intended Use ]**

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

**[ Source ]**The root bark of *Picrasma quassioides*.**[ Biological Activity or Inhibitors ]**

Picrasidine S shows the potent cytotoxicity against human HeLa cervical, gastric MKN-28, and mouse melanoma B-16 cancer cells, it also shows the potent antibacterial activity against two strains of pathogenic bacteria methicillin-resistant *Staphylococcus aureus* (MRSA) and two strains of pathogenic bacteria methicillin-sensitive *Staphylococcus aureus* (MSSA).<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[2]</sup>**

Mobile phase: 0.2% Phosphoric acid in water- Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 210 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Shi G H, Jiao W H, Yang F, *et al.* *Zhong Cao Yao*, 2015, 46(6):803-7.

[2] Yao X H, Kuang Y H, Huang G X, *et al.* *Tianjin Journal of Traditional Chin. Medicine*, 2014(8):498-500.

## **[ Contact ]**

### **Address:**

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

**Email:** [info@chemfaces.com](mailto:info@chemfaces.com)

**Tel:** +86-27-84237783

**Fax:** +86-27-84254680

**Web:** [www.chemfaces.com](http://www.chemfaces.com)

**Tech Support:** [service@chemfaces.com](mailto:service@chemfaces.com)