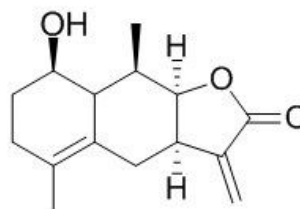


## Ivangustin Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)**[ Product Information ]****Name:** Ivangustin**Catalog No.:** CFN92599**Cas No.:** 14164-59-1**Purity:** >=98%**M.F:** C<sub>15</sub>H<sub>20</sub>O<sub>3</sub>**M.W:** 248.3**Physical Description:** Powder**Synonyms:** Naphtho[2,3-b]furan-2(3H)-one,3a,4,6,7,8,8a,9,9a-octahydro-8-hydroxy-5,8a-dimethyl-3-methylene-,(3aR,8R,8aR,9aR)-.**[ Intended Use ]**

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

**[ Source ]**The roots of *Inula helenium* L.**[ Biological Activity or Inhibitors ]**

Ivangustin exhibits remarkable cytotoxicity against HEP2, SGC-7901 and HCT116 human cancer cell lines.<sup>[1]</sup>

## **[ Solvent ]**

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

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

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

Flow rate: 1.2 ml/min;

Column temperature: 25 °C;

The wave length of determination: 205 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Xiang P, Guo X, Han Y Y, *et al. Nat. Prod. Commun.*,2016,11(1):7-10.

[2] Yang X, Liu H, He Y J, *et al. Journal of Shenyang Pharmaceutical University*, 2012, 29(2):116-20.

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