[**Product Information**]

**Name:** 9,10-Dimethoxycanthin-6-one  
**Catalog No.:** CFN92127  
**Cas No.:** 155861-51-1  
**Purity:** > 95%  
**M.F:** C_{16}H_{12}N_{2}O_{3}  
**M.W:** 280.3  

**Physical Description:** Yellow powder  
**Synonyms:** 9,10-Dimethoxy-6H-indolo[3,2,1-de][1,5]naphthyridin-6-one.

[**Intended Use**]

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

[**Source**]

The barks of *Picrasma quassioides* (D.Don) Benn.

[**Biological Activity or Inhibitors**]

9,10-Dimethoxycanthin-6-one shows cytotoxic activity against a HT-1080 human
fibrosarcoma cell line (IC50 = 5.0 microM).[1]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][2]
Mobile phase: 0.2 M Phosphate buffer (pH=7.5)-Methanol, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 30 ℃;
The wavelength of determination: 254 nm.

[ Storage ]
2-8℃, Protected from air and light, refrigerate or freeze.

[ References ]

[ Contact ]
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