

11-Hydroxycanthin-6-one Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 11-Hydroxycanthin-6-one

Catalog No.: CFN92125

Cas No.: 75969-83-4

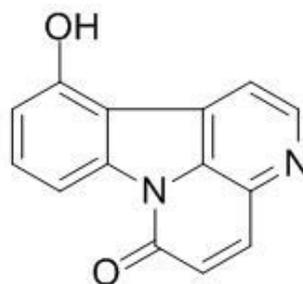
Purity: > 95%

M.F: C₁₄H₈N₂O₂

M.W: 236.23

Physical Description: Yellow powder

Synonyms: 3H-indolo[3,2,1-de][1,5]naphthyridine-6,11-dione.



[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]

11-Hydroxy-canthin-6-one has antineoplastic activity.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.1%Phosphoric acid H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Pettit G R, Singh S B, Goswami A, *et al. Tetrahedron*, 1988, 44(11):3349-54.

[2] Wu C, Deng G H, Lin C Z, *et al. China Journal of Chinese Materia Medica*, 2014, 39(9):904-11.

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