[ Product Information ]

Name: Narcicasine
Catalog No.: CFN97854
Cas No.: 29477-83-6
Purity: >=98%
M.F: C_{14}H_{13}NO_{7}
M.W: 307.25
Physical Description: Powder
Synonyms: (2S,3R,4S,4aR)-2,3,4,7-Tetrahydroxy-3,4,4a,5-tetrahydro[1,3]dioxolo[4,5-j]phenanthridin-6(2H)-one; Lycoricidinol.

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

[ Source ]
The tubers of Narcissus tazetta.

[ Biological Activity or Inhibitors ]
Narciclasine is an antimitotic substance from Narcissus bulbs, it has anti-tumor activity.[1] Narciclasine can induce apoptosis by activation of the death receptor and/or mitochondrial pathways in cancer cells but not in normal fibroblasts.[2] Narciclasine, a plant growth modulator, can inhibit seed germination and seedling growth of rice and Chinese cabbage in a dose-dependent manner.[3] Lycoridinol(Narciclasine) can significantly suppress the degree of swelling of adjuvant-treated as well as untreated feet, suggests that it may be a candidate as a the drug having marked suppressive activity for inflammation which may be influenced by calprotectin.[4]

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

[ HPLC Method ][5]
Mobile phase: 0.05% Formic acid in water- 0.05% Formic acid in acetonitrile, gradient elution;
Flow rate: 0.25 ml/min;
Column temperature: 30 °C;
The wave length of determination: 250 nm.

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

[ References ]

[ Contact ]

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

Email: info@chemfaces.com
Tel: +86-27-84237783
Fax: +86-27-84254680
Web: www.chemfaces.com
Tech Support: service@chemfaces.com