

Xanthohumol D Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Xanthohumol D

Catalog No.: CFN98328

Cas No.: 274675-25-1

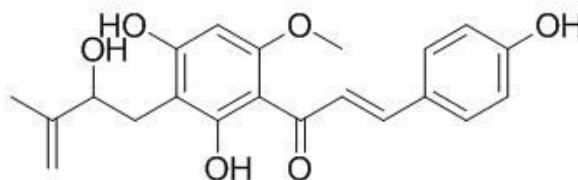
Purity: > 95%

M.F: C₂₁H₂₂O₆

M.W: 370.4

Physical Description: Yellow powder

Synonyms: 2-Propen-1-one, 1-[2,4-dihydroxy-3-(2-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxyphenyl)-, (2E)-.



[Intended Use]

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

[Source]

The herbs of *Humulus lupulus*.

[Biological Activity or Inhibitors]

Xanthohumol and xanthohumol D are potent inducers of quinone reductase, suggests that they could be used as chemoprevention agents.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 35°C;

The wave length of determination: 365 nm.

[Storage]

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

[References]

[1] Liu G, Egger A L, Dietz B M, *et al. Anal. Chem.*, 2005 Oct 1; 77(19): 6407-14.

[2] Zhu L, Liu B, Shi R. *Chinese Journal of Pharmaceutical Analysis*, 2008, 28(1): 32-5.

[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