

Ingenol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Ingenol

Catalog No.: CFN90187

Cas No.: 30220-46-3

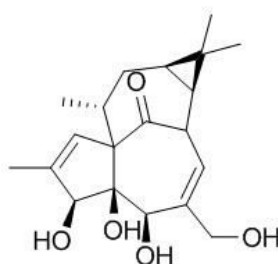
Purity: >=98%

M.F: C₂₀H₂₈O₅

M.W: 348.44

Physical Description: White powder

Synonyms: 1 α ,2 α ,5 β ,5 α ,6 β , β ,9 α , 10,10 α -Octahydro-5,5 α ,6-trihydroxy-4-(hydroxymethyl)-1,1,7,9-tetramethyl-1H-2,8 α -methanocyclopenta(a)cyclopropa(e)cyclodecen-11-one.



[Intended Use]

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

[Source]

The seeds of *Euphorbia lathyris* L.

[Biological Activity or Inhibitors]

Ingenol and gingerol have antiviral effect during HIV-1 replication in MT4 human T lymphocytes.^[1]

Ingenol derivatives inhibit proliferation and induce apoptosis in breast cancer cell lines.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 204 nm.

[Storage]

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

[References]

[1] Lee H S, Kim S S, Kim G J, *et al. Antivir. Res.*, 2008, 78(2):A44-A44.

[2] Vigone A, Tron G C, Surico D, *et al. Eur. J. Gynaecol. Oncol.*, 2005, 26(5):526-30.

[3] Girin M A, Paphassarang S, David-Eteve C, *et al. J.Chromatogr. A*, 1993, 637(2): 206-8.

[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