

Solanesol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Solanesol

Catalog No.: CFN90454

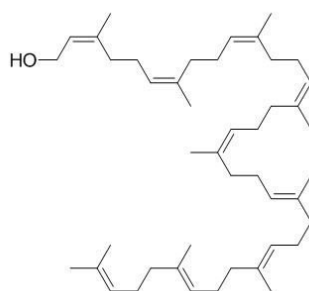
Cas No.: 13190-97-1

Purity: >=98%

M.F: C₄₅H₇₄O

M.W: 631.07

Physical Description: Powder



Synonyms: 3,7,11,15,19,23,27,31,35-Nonamethylhexatriaconta-2,6,10,14,18,22,26,30,34-nonaen-1-ol; (2E,6E,10E,14E,18E,22E,26E,30E)-3,7,11,15,19,23,27,31,35-nonamethylhexatriaconta-2,6,10,14,18,22,26,30,34-nonaen-1-ol.

[Intended Use]

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

[Source]

The herbs of *Nicotiana tabacum* L.

[Biological Activity or Inhibitors]

Solanesol is the starting material for many high-value biochemicals, including co-enzyme Q 10 and Vitamin K analogues.^[1]

[Solvent]

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

[HPLC Method]^[1]

HPLC-ELSD:

Mobile phase: Acetonitrile-Isopropanol=60:40;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

Drift tube temperature: 65 °C;

Flow rate of gas : 1.5 L/min.

[Storage]

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

[References]

[1] Zhou H Y, Liu C Z. *J. Chromatogr. B.* , 2006, 835(1-2):119-22.

[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