

Ginkgolic acid C17:1 Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Ginkgolic acid C17:1

Catalog No.: CFN98508

Cas No.: 111047-30-4

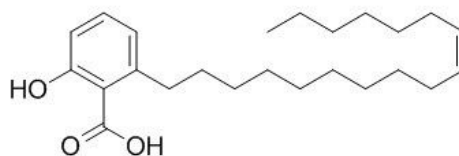
Purity: >=98%

M.F: C₂₄H₃₈O₃

M.W: 374.56

Physical Description: Powder

Synonyms: (8E)-1-heptyldec-8-en-1-yl 2-hydroxybenzoate; 2-[(10Z)-heptadec-10-en-1-yl]-6-hydroxybenzoic acid; 6-[(10Z)-Heptadecenyl]salicylic acid, Ginkgolic acid II.



[Intended Use]

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

[Source]

The leaves of *Ginkgo biloba* L.

[Biological Activity or Inhibitors]

Ginkgolic acid C17:1 can significantly inhibit enterohemorrhagic Escherichia coli O157:H7 (EHEC) biofilm formation on the surfaces of polystyrene and glass, and on nylon membranes.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol-3% Acetic acid in water =92:8 ;

Flow rate: 1.0 ml/min;

Column temperature: 40 °C;

The wave length of determination: 310 nm.

[Storage]

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

[References]

[1] Lee J H, Kim Y G, Shi Y R, *et al. Int. J.Food Microb.*, 2014, 174:47-55.

[2] Yang L Q, Wu X Y, Chen J. *Acta Pharm. Sin.*, 2002, 37(37):555-8.

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