

Cannabisin F Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Cannabisin F

Catalog No.: CFN97809

Cas No.: 163136-19-4

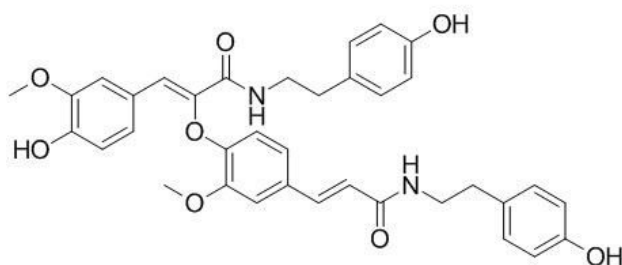
Purity: > 95%

M.F: C₃₆H₃₆N₂O₈

M.W: 624.69

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The herbs of *Cannabis sativa* L.

[Biological Activity or Inhibitors]

Melongenamides B-D and Cannabisin F have anti-inflammatory activity, they exhibit

inhibitions of nitric oxide production in lipopolysaccharide-induced RAW 264.7 macrophages with IC₅₀ values ranging from 16.2 to 58.5 μ M.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.1% Phosphoric acid in water=22:78;

Flow rate:1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination:257 nm.

[Storage]

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

[References]

[1] Sun J, Gu Y F, Su X Q, *et al. Fitoterapia*,2014 Oct;98:110-6.

[2] Shen Q, Cai G M, He G X, *et al. Central South Pharmacy*, 2009,7(1):26-8.

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