

Cannabichromene Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Cannabichromene

Catalog No.: CFN98039

Cas No.: 20675-51-8

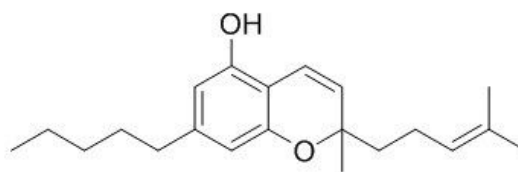
Purity: > 95%

M.F: C₂₁H₃₀O₂

M.W: 314.5

Physical Description: Oil

Synonyms: 2-Methyl-2-(4-methyl-3-penten-1-yl)-7-pentyl-2H-chromen-5-ol.



[Intended Use]

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

[Source]

The herbs of *Cannabis sativa*.

[Biological Activity or Inhibitors]

Cannabichromene is a major non-psychoactive phytocannabinoid that inhibits

endocannabinoid inactivation and activates the transient receptor potential ankyrin-1 (TRPA1), it selectively reduces inflammation-induced hypermotility in vivo in a manner that is not dependent on cannabinoid receptors or TRPA1.^[1]

Cannabichromene exerts anti-inflammatory actions in activated macrophages with tonic CB1 cannabinoid signalling being negatively coupled to this effect and ameliorates experimental murine colitis.^[2]

Cannabichromene can raise the viability of neural stem progenitor cells (NSPCs), while inhibiting their differentiation into astroglia, possibly through up-regulation of ATP and adenosine signalling.^[3]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Izzo AA, Capasso R, Aviello G, *et al. Br. J. Pharmacol.*,2012 Jun;166(4):1444-60.

[2] Romano B, Borrelli F, Fasolino I, *et al. Br. J. Pharmacol.*,2013, 169(1):213-29.

[3] Shinjyo N, Marzo V D. *Neurochem. Int.*,2013 Nov;63(5):432-7.

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