

Murrayanol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Murrayanol

Catalog No.: CFN92201

Cas No.: 144525-81-5

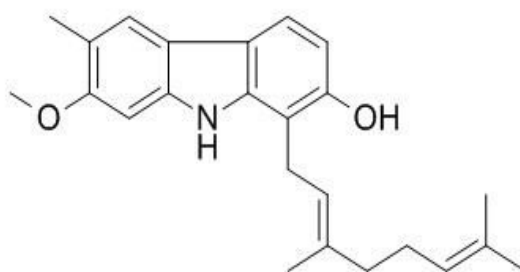
Purity: > 95%

M.F: C₂₄H₂₉NO₂

M.W: 363.5

Physical Description: Cryst.

Synonyms: 1-((E)-3,7-Dimethyl-octa-2,6-dienyl)-7-methoxy-6-methyl-9H-carbazol-2-ol.



[Intended Use]

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

[Source]

The leaves of *Murraya koenigii*.

[Biological Activity or Inhibitors]

Murrayanol shows an IC₅₀ of 109 microg/mL against hPGHS-1 and an IC₅₀ of 218 microg/mL against hPGHS-2 in antiinflammatory assays, it is mosquitocidal and antimicrobial and exhibits topoisomerase I and II inhibition activities.^[1]

[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] Ramsewak R S, Nair M G, Strasburg G M, *et al. J. Agric. Food Chem.*, 1999 Feb; 47(2): 444-7.

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