



Cyclopentadecanone Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Cyclopentadecanone

Catalog No.: CFN93169

Cas No.: 502-72-7

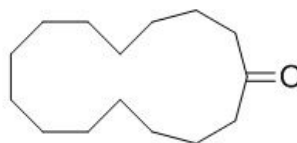
Purity: >=98%

M.F: C₁₅H₂₈O

M.W: 224.38

Physical Description: Oil

Synonyms:



[Intended Use]

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

[Source]

The male civet cat.

[Biological Activity or Inhibitors]

Cyclopentadecanone (CP) 900mg/kg ig can inhibit considerably the swelling of mous- es

ear induced by xylene, CP 600mg/kg ig can inhibit markedly the edema produced by injection of 1% carrageenin 0.1 ml or fresh egg white 0.1 ml beneath the plantar surface of hind paw in rats; CP raises the pain thresholds in mice during hot plate test (500mg/kg ip), writhing test (224, 400, 712mg/kg sc) and formaldehyde test (300mg/kg ip), the analgesic effect of CP in mice lasts longer than Dolantin and Aminopyrine.^[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] Zhen L Q, Pan B F, Wang M L, et al. *Journal of Fujian Medical University*, 1987,02.

[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