Mesuaxanthone A Datasheet


[ Product Information ]

Name: Mesuaxanthone A

Catalog No.: CFN98472

Cas No.: 3561-81-7

Purity: > 95%

M.F: \( \text{C}_{14}\text{H}_{10}\text{O}_5 \)

M.W: 258.2

Physical Description: Yellow powder

Synonyms: 1,5-Dihydroxy-3-methoxy-xanthen-9-one.

[ Intended Use ]

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

[ Source ]

The herbs of *Calophyllum inophyllum* L.

[ Biological Activity or Inhibitors ]
Mesuaxanthone A and mesuaxanthone B are two yellow pigments.[1]
Mesuaxantbone A and mesuaxanthone B produce varying degrees of C.N.S. depression characterised by ptosis, sedation, decreased spontaneous motor activity, loss of muscle tone, potentiation of pentobarbitone sleeping time and ether anaethesia in mice and rats; they also exhibit anti inflammatory activity both by intraperitoneal and oral routes in rats.[2]

[Solvent]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]
Not data available.

[Storage]
2-8℃, Protected from air and light, refrigerate or freeze.

[References]

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