[ Product Information ]

Name: Albaspidin AA

Catalog No.: CFN98474

Cas No.: 3570-40-9

Purity: > 98%

M.F: C_{21}H_{24}O_8

M.W: 404.4

Physical Description: Yellow powder

Synonyms: 2,5-Cyclohexadien-1-one,2,2'-methylenebis[6-acetyl-3,5-dihydroxy-4,4-dimethyl-]

[ Intended Use ]

1. Reference standards;
2. Pharmacological research;
3. Food and cosmetic research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Ingredient in supplements, beverages;
7. Others.

[ Source ]

The herb of Dryopteris crassirhizoma Nakai.
Biological Activity or Inhibitors

Albaspidin AA, isolated from the extracts of acylphloroglucinol and filicinic-acid derivatives, displays strong antibacterial activity against the vegetative form of P. larvae (MIC ranging from 0.168–220uM). [1]

Albaspidins AA may have in vitro nematocidal activity against L4 stage larvae. [2]

Solvent

Pyridine, DMSO, Ethanol, Methanol, Hot water, etc.

HPLC Method [3]

Mobile phase: MeOH- EtOH- TFA=80:20:0.01;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 254 nm.

Storage

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

References


Contact

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