

Albaspidin AP Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Albaspidin AP

Catalog No.: CFN90252

Cas No.: 59092-91-0

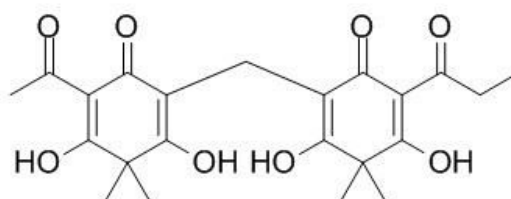
Purity: >=98%

M.F: C₂₂H₂₆O₈

M.W: 418.44

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The rhizomes of *Dryopteris crassirhizoma* Nakai.

[Biological Activity or Inhibitors]

Albaspidin-AP, -PP, -PB inhibit Fatty acid synthase (FAS) with IC₅₀ values ranging from

23.1±1.4 to 71.7±3.9 µM, they could be considered to be a promising class of FAS inhibitors, and FAS is emerging as a potential therapeutic target to treat cancer and obesity.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

Mobile phase: Acetonitrile-H₂O=90:10 ;

Flow rate: 5.0 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]

[1] Na M K, Jang J P, Min B S, *et al. ChemInform*, 2007, 16(1):4738-42.

[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