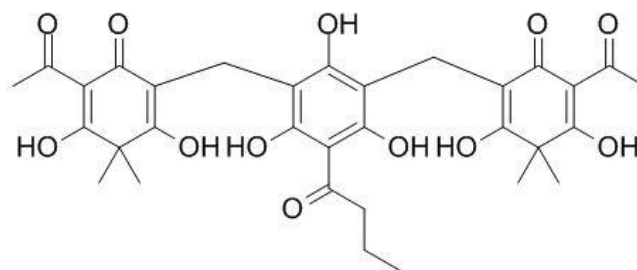


Filixic acid ABA Datasheet

5th Edition (Revised in January, 2017)**[Product Information]****Name:** Filixic acid ABA**Catalog No.:** CFN99573**Cas No.:** 17020-04-1**Purity:** >=98%**M.F:** C₃₂H₃₆O₁₂**M.W:** 612.63**Physical Description:** Yellow powder**Synonyms:** 2,4-Bis[(5-acetyl-2,4-dihydroxy-3,3-dimethyl-6-oxo-1,4-cyclohexadienyl)methyl]-6-butyrylbenzene-1,3,5-triol; Trisalbaspidin ABA.**[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]**

Filixic acid ABA exhibits inhibitory effects on neuraminidase of influenza virus H5N1 with IC_{50} as 29.57 ± 2.48 μ M, it may have anti-influenza virus activity.^[1]

[**Solvent**]

Pyridine, Methanol, Ethanol, etc.

[**HPLC Method**]^[1]

Mobile phase: 0.1% Trifluoroacetic acid in water- Methanol=1:99 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 365 nm.

[**Storage**]

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

[**References**]

[1] Wang J, Yan Y T , Fu S Z, et al. *Molecules*, 2017, 22(3): 431.

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