

Chasmanine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Chasmanine

Catalog No.: CFN98587

Cas No.: 5066-78-4

Purity: >=98%

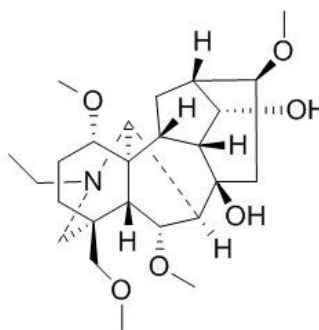
M.F: C₂₅H₄₁NO₆

M.W: 451.6

Physical Description: Powder

Synonyms: 20-Ethyl-1,6,16-trimethoxy-4-(methoxymethyl)aconitane-8,14-diol;

(1 α ,6 α ,14 α ,16 β)-20-Ethyl-1,6,16-trimethoxy-4-(methoxymethyl)aconitane-8,14-diol.



[Intended Use]

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

[Source]

The roots of *Aconitum chrysotrichum* W. T. Wang.

[Biological Activity or Inhibitors]

Chasmanine, hyaconitine, and deoxyaconitine are anti-inflammatory pharmacodynamic components in Heishunpian (HSP) with positive relations with HSP efficacy. ^[1]

Chasmanine has insecticidal activities against larvae of *Bradysia odoriphaga* Yan et Zhang.^[2]

[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] Li Y, Wang Y, Yang B, *et al. Rsc Advances*, 2015, 5(28):22209-16.

[2] Yu X Y, Gao R, Liao H F, *et al. Jiangsu Journal of Agricultural Sciences*, 2003, 19(4): 228-32.

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