

Valechlorine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Valechlorine

Catalog No.: CFN90622

Cas No.: 51771-49-4

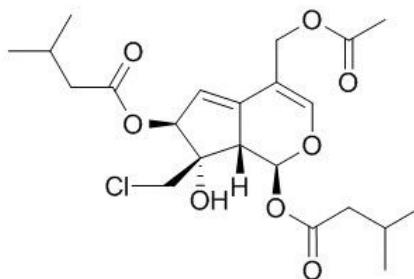
Purity: >=98%

M.F: C₂₂H₃₁ClO₈

M.W: 458.93

Physical Description: Oil

Synonyms: Chlorovaltrate.



[Intended Use]

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

[Source]

The herbs of *Valeriana officinalis* L.

[Biological Activity or Inhibitors]

Valeranone shows antileishmanial and cytotoxic activity.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O=75:25 ;

Flow rate: 0.8 ml/min;

Column temperature: 25 °C;

The wave length of determination: 256 nm.

[Storage]

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

[References]

[1] Glaser J, Schultheis M, Moll H, *et al. Molecules*, 2015, 20(4):5740-53.

[2] Wang S J, Zheng C J, Yue W, *et al. Pharmaceutical Care and Research*, 2014, 14(5): 376-8.

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