

5,15-Diacetyl-3-benzoyllathyrol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 5,15-Diacetyl-3-benzoyllathyrol

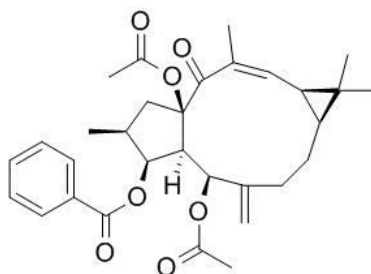
Catalog No.: CFN99706

Cas No.: 218916-52-0

Purity: >=98%

M.F: C₃₁H₃₈O₇

M.W: 522.63



Physical Description: Powder

Synonyms: (1aR,2E,4aR,6S,7S,7aR,8R,11aS)-4a,8-Bis(acetyloxy)-7-(benzoyloxy)-1,1a,4a,5,6,7,7a,8,9,10,11,11a-dodecahydro-1,1,3,6-tetramethyl-9-methylene-4H-cyclopenta[a]cyclopropa[f]cycloundecen-4-one; Euphorbia factor L3; Phytoclear EL-1; Lathyrol-3,15-diacetate-5-benzoate.

[Intended Use]

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

[Source]

The seeds of *Euphorbia lathyris* L.

[Biological Activity or Inhibitors]

5,15-Diacetyl-3-benzoyllathyrol is a melanine production inhibitor, it is excellent in inhibiting pigment stagnation and improving the discoloration of the skin or freckles, 5,15-diacetyl-3-benzoyllathyrol could be used a skin whitening compound.^[1]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Kim C T, Kim H J, Jin M H, *et al.* *Skin whitener: US, US6838481[P]. 2005.*

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