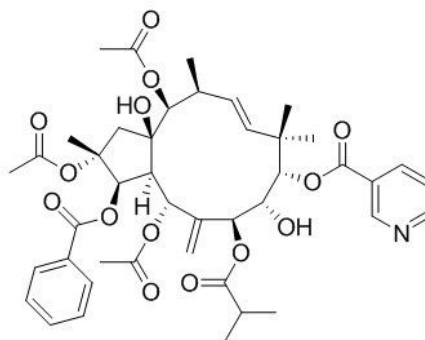


Jatrophone 3 Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Jatrophone 3**Catalog No.:** CFN98053**Cas No.:** 210108-87-5**Purity:** > 95%**M.F:** C₄₃H₅₃NO₁₄**M.W:** 807.9**Physical Description:** Cryst**Synonyms:** 2,5,14-Triacetoxy-3-benzoyloxy-8,15-dihydroxy-7-isobutyroxy-9-nicotinoyloxyjatropha-6(17),11E-diene.

[Intended Use]

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

[Source]

The branches of *Jatropha carcas* L.

[Biological Activity or Inhibitors]

(2R*,3R*,4S*,5R*,7S*,8S*,9S*,13S*,14S*,15R*)-2,5,9,14-Tetraacetoxy-3-benzoyloxy-8,15-dihydroxy-7-isobutyroyloxyjatropa-6(17),11E-diene and (2R*,3R*,4S*,5R*,7S*,8S*,9S*,13S*,14S*,15R*)-2,5,14-triacetoxy-3-benzoyloxy-8,15-dihydroxy-7-isobutyroyloxy-9-nicotinoyloxyjatropa-6(17),11E-diene exhibit significant antifeedant activity against a generalist plant-feeding insect, the cotton bollworm (*Helicoverpa armigera*), with EC₅₀ values of 0.36 and 0.43 ug/cm², respectively.^[1]

[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] Hua J, Liu Y, Xiao C J, *et al. Phytochemistry*,2017 Apr;136:56-64.

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