

Neoquassine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Neoquassine

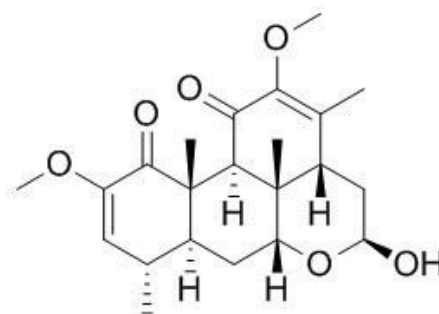
Catalog No.: CFN92142

Cas No.: 76-77-7

Purity: > 95%

M.F: C₂₂H₃₀O₆

M.W: 390.5



Physical Description: Cryst.

Synonyms: Picrasa-2,12-diene-1,11-dione,16-hydroxy-2,12-dimethoxy-; Simalihakemiace tal A; Nigakihemiacetal B.

[Intended Use]

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

[Source]

The barks of *Ailanthus altissima* (Mill.) Swingle.

[Biological Activity or Inhibitors]

Quassin, neoquassin and picrasinoside B are insecticide quassinoids.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 0.1% Formic acid in water- 0.1% Formic acid in menthnl,gradient elution;

Flow rate:0.1 ml/min;

Column temperature: 40°C;

The wave length of determination:255 nm.

[Storage]

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

[References]

[1] Sarais G, Cossu M, Vargiu S, *et al. J. Agric. Food Chem.*,2010, 58(5):2807-11.

[2] Nishizaki Y, Tada A, Ishizuki K, *et al. Journal of the Food Hygienic Society of Japan*, 2015,56(5):185-93.

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