

Decanedioic acid Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Decanedioic acid

Catalog No.: CFN99210

Cas No.: 111-20-6

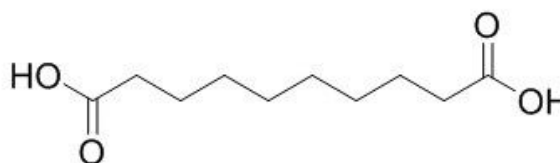
Purity: > 98%

M.F: C₁₀H₁₈O₄

M.W: 202.3

Physical Description: Powder

Synonyms: 1,8-Octanedicarboxylic Acid; 1,10-Decanedioic acid.



[Intended Use]

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

[Source]

The herbs of *Piper cubeba*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

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

[HPLC Method]^[1]

HPLC-ELSD:

Mobile phase: (5% Methanol in water-1.5% Acetic acid)-(95% Methanol in water-1.5% Acetic acid)-Chloroform, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

Nebulization temperature: 40 °C;

Flow rate of gas : 1.6mL/min;

Carrier gas: N₂.

[Storage]

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

[References]

[1] Stanisław Han, Katarzyna Karłowicz-Bodalska, Piotr Potaczek, *et al. AAPS Pharm. Sci. Tech.*, 2014, 15(1):111-20.

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