

Nervogenic acid Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Nervogenic acid

Catalog No.: CFN99828

Cas No.: 17622-86-5

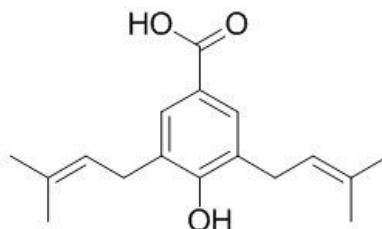
Purity: > 95%

M.F: C₁₇H₂₂O₃

M.W: 274.4

Physical Description: Powder

Synonyms: 4-Hydroxy-3,5-bis(3-methylbut-2-en-1-yl)benzoic acid.



[Intended Use]

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

[Source]

The herbs of *Piper aduncum*.

[Biological Activity or Inhibitors]

Nervogenic acid displays significant antibacterial activities.^[1]

Nervogenic acid has antioxidative activity, it exhibits higher activity than that of t-butyl-4-hydroxyanisole (BHA) using the ferric thiocyanate method.^[2]

[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] Orjala J, Erdelmeier C A, Wright A D, *et al. Planta Med.*, 1993, 59(6):546-51.

[2] Masuoka C, Ono M, Ito Y, *et al. Food Sci. Technol. Int. (Tokyo)*, 1997, 3(3):285-9.

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