

Gardneramine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Gardneramine

Catalog No.: CFN98447

Cas No.: 34274-91-4

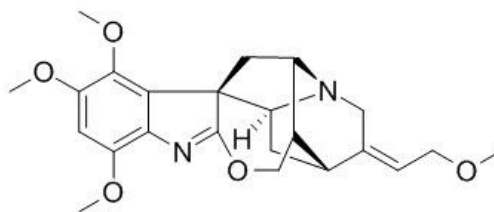
Purity: > 95%

M.F: C₂₃H₂₈N₂O₅

M.W: 412.5

Physical Description: Powder

Synonyms: 1,2-Didehydro-2-deoxo-17-deoxy-2,17-epoxgardneramine oxindole.



[Intended Use]

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

[Source]

The roots of *Gardneria multiflora* Makino.

[Biological Activity or Inhibitors]

Gardneramine and hirsutine show a local anesthetic action, they also can inhibit the

ganglionic transmission of the dog urinary bladder and that the blockade of the nicotinic receptor plays a main role.^[1]

Gardneramine has a mild central depressive effect.^[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] Ozaki Y, Harada M. *Jpn. J. Pharmacol.*, 1983 Apr;33(2):463-71.

[2] Harada M, Ozaki Y, Murayama S, *et al. Yakugaku Zasshi*, 1971 Sep;91(9):997-1003.

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