

Huperzine C Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Huperzine C

Catalog No.: CFN90345

Cas No.: 163089-71-2

Purity: >=98%

M.F: C₁₅H₁₈N₂O

M.W: 242.32

Physical Description: Powder

Synonyms: (5R,9R,11R)-5-Amino-11-ethenyl-5,6,9,10-tetrahydro-7-methyl-5,9-methanocycloocta[b]pyridin-2(1H)-one.



[Intended Use]

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

[Source]

The herbs of *Lycopodium serratum*.

[Biological Activity or Inhibitors]

Huperzine has the value as pretreatment of organophosphate poisoning, it can be used as a protective agent against organophosphate intoxication.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol-0.08 M CH₃COONH₄, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 308 nm.

[Storage]

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

[References]

[1] Lallement G, Baille V, Baubichon D, *et al. Neurotoxicology*, 2002, 23(1):1-5.

[2] Ci D U, Peng Q Z, Tian X R, *et al. Guihaia*, 2013, 33(3):405-6.

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