

Harmin hydrochloride Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Harmin hydrochloride

Catalog No.: CFN90341

Cas No.: 343-27-1

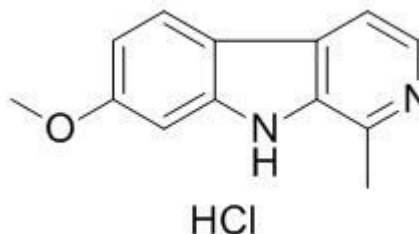
Purity: >=98%

M.F: C₁₃H₁₂N₂O.HCl

M.W: 248.71

Physical Description: Powder

Synonyms: 7-Methoxy-1-methyl-9H-pyrido[3,4-b]indole,hydrochloride.



[Intended Use]

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

[Source]

The herbs of *Peganum harmala* L.

[Biological Activity or Inhibitors]

Harmin hydrochloride has potent anti-cancer effects in glioblastoma cells, which is at

least partially via inhibition of Akt phosphorylation, administration of it may act as a new approach to glioblastoma treatment.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -0.01M Ammonium sulfate solution - Diethylamine=60:40:0.4 ;

Flow rate: 1.0 ml/min;

Column temperature: 40 °C;

The wave length of determination: 247 nm.

[Storage]

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

[References]

[1] Liu H, Han D, Liu Y, *et al. J.Neurooncol.*, 2013, 112(1):39-48.

[2] Wang C H, Sun DJ, Gao W W. *Chinese Journal of Clinical Pharmacy*, 2002, 11(3): 159-61.

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