

7-Methoxy-beta-carboline-1-propionic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 7-Methoxy-beta-carboline-1-propionic acid

Catalog No.: CFN92013

Cas No.: 137756-13-9

Purity: > 95%

M.F: C₁₅H₁₄N₂O₃

M.W: 270.3

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The herbs of *Eurycoma longifolia*.

[Biological Activity or Inhibitors]

7-Methoxy-beta-carboline-1-propionic acid demonstrates significant antimalarial activity

as judged by studies conducted with cultured Plasmodium falciparum strains.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O-Acetone, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 285 nm.

[Storage]

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

[References]

[1] Kardono L B, Angerhofer C K, Tsauri S, *et al. J. Nat. Prod.*, 1991, 54(5):1360-7.

[2] Tripetch Kanchanapoom, Ryoji Kasai, Phannipha Chumsri, *et al. Phytochemistry*, 2001, 56(4):383-6

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