

Lusianthrudin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Lusianthrudin

Catalog No.: CFN92784

Cas No.: 87530-30-1

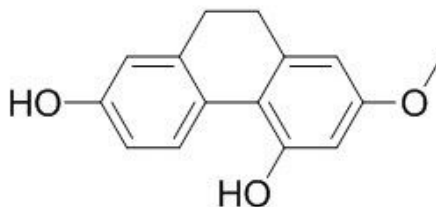
Purity: > 95%

M.F: C₁₅H₁₄O₃

M.W: 242.3

Physical Description: Powder

Synonyms: 7-Methoxy-9,10-dihydrophenanthrene-2,5-diol.



[Intended Use]

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

[Source]

The herbs of *Dendrobium nobile* Lindl.

[Biological Activity or Inhibitors]

Lusianthrudin shows the DPPH free radical scavenging activity .^[1]

Lusianthrudin shows appreciable cytotoxicity against human lung cancer cell lines with IC50 values of 65.0 ug/mL, and exhibits antimigratory property at nontoxic concentrations.^[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] Guo X Y, Wang J, Wang N L, *et al. J.Asian Nat. Prod. Res.*, 2007, 9(2):165-74.

[2]Klongkumnuankarn P, Busaranon K, Chanvorachote P, *et al. Evid. Based. Complement. Alternat. Med.* ,2015;2015:350410.

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