



N-Debenzoyl-N-(tert-butoxycarbonyl)taxol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: N-Debenzoyl-N-(tert-butoxycarbonyl)taxol

Catalog No.: CFN98516

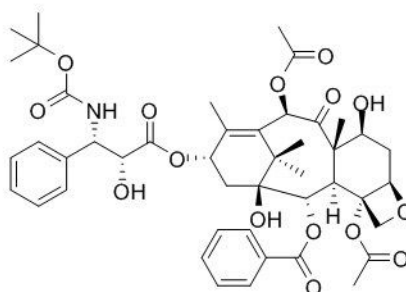
Cas No.: 125354-16-7

Purity: >=95%

M.F: C₄₅H₅₅NO₁₅

M.W: 849.92

Physical Description: Powder



Synonyms: (2 α ,5 β ,7 β ,10 β ,13 α)-4,10-Diacetoxy-13-(((2R,3S)-3-[(tert-butoxycarbonyl)amino]-2-hydroxy-3-phenylpropanoyl)oxy)-1,7-dihydroxy-9-oxo-5,20-epoxytax-11-en-2-yl benzoate; 10-Acetyldocetaxel.

[Intended Use]

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

[Source]

The barks of *Taxus chinensis* (Pilger) Rehd.

[Biological Activity or Inhibitors]

10-Acetyldocetaxel has selective high-activity and high-efficiency functions on treating metastatic colon cancer and stomach cancer.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-Methanol-H₂O=35:40:25;

Flow rate:1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination:232 nm.

[Storage]

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

[References]

[1] Lei X G, Zhang X G. *CN 103980232 A[P]*. 2014.

[2] Jin L Y, Qiu L Y, Jin Y, *et al.* *Chinese Journal of Pharmaceuticals*, 2006, 37(10):708-9.

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