

Deacetyltaxol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Deacetyltaxol

Catalog No.: CFN90687

Cas No.: 78432-77-6

Purity: >=98%

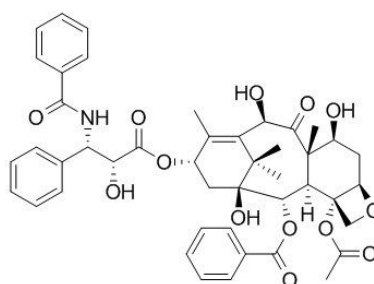
M.F: C₄₅H₄₉NO₁₃

M.W: 811.87

Physical Description: Powder

Synonyms: 10-Desacetyl paclitaxel;10-Desacetyltaxol;10-O-Deacetyltaxol;

7-Epi-10-Desacetyl paclitaxel.



[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-Deacetyltaxol and cephalomannine have cytotoxicity in human glial and neuroblastoma cell-lines, the tumors of the central and peripheral nervous system are sensitive to 10-deacetyltaxol and cephalomannine and these drugs are less toxic than taxol but remain within a therapeutic range.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol-H₂O-Phosphoric acid =60:40:0.5 ;

Flow rate: 0.7 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 228 nm.

[Storage]

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

[References]

[1] Helson L. *Int. J.Oncol.*, 1993, 2(2):297-9.

[2] Wang W Z. *Chinese Journal of Chromatography*, 1997, 15(3):224-6.

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