[ **Product Information** ]

**Name:** 10-Deacetylbaccatin III  
**Catalog No.:** CFN98421  
**Cas No.:** 32981-86-5  
**Purity:** $\geq 98\%$  
**M.F:** $C_{29}H_{36}O_{10}$  
**M.W:** 544.59  
**Physical Description:** Powder  
**Synonyms:** Desacetylbaccatine ;Baccatin III, Deacetyl-;  
12b-(Acetyloxy)-12-(benzoyloxy)-1,2a,3,4,4a,6,9,10,11,12,12a,12b-dodecahydro-4,6,9,11-tetrahydroxy-4a,8,13,13-tetramethyl-7,11-methano-5H-cyclodeca[3,4]benz[1,2-b]oxet-5-one.

[ **Intended Use** ]

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

[ **Source** ]

The barks of *Taxus yunnanensis* Cheng et L. K. Fu.
[ Biological Activity or Inhibitors]

10-Deacetylbaccatin III can selectively inhibit the growth of *L. donovani* intracellular amastigotes within J774 murine macrophages in vitro at nanomolar concentrations with an IC50 value of 70 nM.\(^1\)

10-Deacetylbaccatin III is a readily available paclitaxel precursor.\(^2\)

[ Solvent ]

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

[ HPLC Method ]\(^1\)

Mobile phase: Acetonitrile-H2O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 233 nm.

[ Storage ]

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

[ References ]


[ Contact ]

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