

**1. Identification**Catalogue Number

D198250

Lot Number

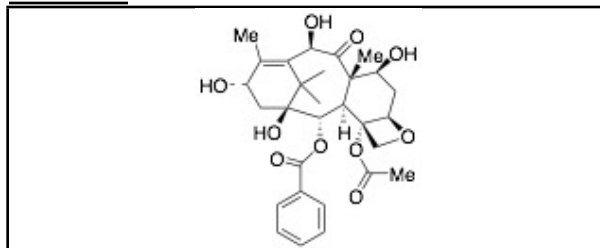
711966047-1-1

Product Name

10-Deacetyl Baccatin III

Synonyms

(2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-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; 10-DAB; Paclitaxel - In House Impurity

StructureCAS Number

32981-86-5

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula $C_{29}H_{36}O_{10}$ Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

544.59

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 64.02, %H: 6.75
HPLC Purity	>95%	99.54% (235 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-40.5° (c = 0.2, Methanol)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			3/15/2024	3/13/2028
Nicole Yip	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		