

## **Certificate of Analysis**

## 10-Deacetyl-7-xylosyl paclitaxel

Cat. No.: HY-20584

CAS No.: 90332-63-1

Batch No.: 250933

Chemical Name: Benzenepropanoic acid, β-(benzoylamino)-α-hydroxy-, (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-1

 $2b-(acetyloxy)-12-(benzoyloxy)-2a, 3, 4, 4a, 5, 6, 9, 10, 11, 12, 12a, 12b-dodecahydro-6, 11-dihydroxy-4a, 8, 13, 13-tetramethyl-5-oxo-4-($\beta-D-xylopyranosyloxy)-7, 11-methano-1H-cyclodeca[3,4]benz[1,2a, 12b-dodecahydro-6, 11-dihydroxy-4a, 8, 13, 13-tetramethyl-5-oxo-4-($\beta-D-xylopyranosyloxy)-7, 11-methano-1H-cyclodeca[3,4]benz[1,2a, 12b-dodecahydro-6, 11-dihydroxy-4a, 8, 13, 13-tetramethyl-5-oxo-4-($\beta-D-xylopyranosyloxy)-7, 11-methano-1H-cyclodeca[3,4]benz[1,2a, 12b-dodecahydro-6, 11-dihydroxy-4a, 13, 13-tetramethyl-5-oxo-4-($\beta-D-xylopyranosyloxy)-7, 11-methano-1H-cyclodeca[3,4]benz[1,2a, 12b-dodecahydro-6, 11-dihydroxy-4a, 13, 13-tetramethyl-5-oxo-4-($\beta-D-xylopyranosyloxy)-7, 11-methano-1H-cyclodeca[3,4]benz[1,2a, 12b-dodecahydro-6, 11-dihydroxy-4a, 12b-dodecahydro-6, 12b-dodecahydro-6, 12b-dodecahydro-6, 12b-dodecahydro-6, 11-dihydroxy-4a, 12$ 

-b]oxet-9-yl ester, (αR,βS)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{50}H_{57}NO_{17}$  Molecular Weight: 943.98

**Storage:** 4°C, protect from light

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.65%

Source: Taxus wallichiana var. chinensis (Pilg.) Florin

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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