Certificate of Analysis

Docetaxal

Cat. No.: HY-B0018

CAS No.: 125354-16-7

Batch No.: 317285

Chemical Name: Benzenepropanoic acid, β-[[(1,1-dimethylethoxy)carbonyl]amino]-α-hydroxy-, (2aR,4S,4aS,6R,9

S,11S,12S,12aR,12bS)-6,12b-bis (acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-doddecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2,2,2,3,4,4a,5,6,9,10,11,12,12a,12b-doddecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2,2,3,4,4a,5,6,9,10,11,12,12a,12b-doddecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2,2,3,4,4a,5,6,9,10,11,12,12a,12b-doddecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2,2,3,4,4a,5,6,9,10,11,12], and a second control of the contro

1,2-b]oxet-9-yl ester, $(\alpha R, \beta S)$ -

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{45}H_{55}NO_{15}$ Molecular Weight: 849.92

Storage: -20°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.69%

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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