Certificate of Analysis

Cabazitaxel

Cat. No.: HY-15459

CAS No.: 183133-96-2

Batch No.: 39353

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

 $S,11S,12S,12aR,12bS)-12b-(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodeca\\ hydro-11-hydroxy-4,6-dimethoxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4,4a,5,6,9,10,11,12,12a,12b-dodeca]$

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

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{45}H_{57}NO_{14}$ Molecular Weight: 835.93

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.96%

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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