

CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA Tel: (416) 665-9696, Fax: (416) 665-4439

Email:orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

Catalogue D434415 CAS 158810-73-2 Number:

Synonym: $(aR,\beta S)-\beta-[[(1,1-$

Dimethylethoxy)carbonyl]amino]-ahydroxybenzenepropanoic Acid

(2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-12b-(Acetyloxy)-12-(benzoyloxy)-6-[[(2,2-

dichloroethoxy)carbonyl]oxy]-

2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-10-O-2,2-Dichloroethoxycarbonyl Product: Docetaxel

4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-

9-yl Ester; [2aR-

 $[2aa,4\beta,4a\beta,6\beta,9a(aR,\beta S^*),11a,12a,12aa,12ba]]$ β -[[(1,1-Dimethylethoxy)carbonyl]amino]- α hydroxybenzenepropanoic Acid 12b-(Acetyloxy)-

12-(benzoyloxy)-6-[[(2,2-dich

Structure:

CHCl₂

Molecular Formula:

C46H55Cl2NO16 Molecular weight:

948.83

Source of Product:

Synthetic Solubility:

Chloroform (Slightly), Methanol (Slightly)

Purity: 95%

Storage This Product Is Stable To Be

Shipping Condition: -20°C, Hygroscopic Condition: Shipped At Room Temperature

2. Warning

Lot

Number:

Warning 1: Warning 2: Warning 3:

3. Analytical Information

3-URV-33-1

Specifications: Results: Tests:

Appearance White to Off-White Solid White to Off-White Solid

NMR Conforms to Structure Conforms MS Conforms to Structure Conforms

Elemental Analysis Conforms %C: 57.26, %H: 5.98, %N: 0.71

HPLC Purity 98.51% (230 nm) Report Result

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 ± 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

Reviewed By
Henry Tieu

Reviewed ByToni Rantanen

C of A Approved By Christina Gouliaras

Test Date 7/12/2023

Retest Date

7/10/2027

Kisto

Doulurs