Certificate of Analysis

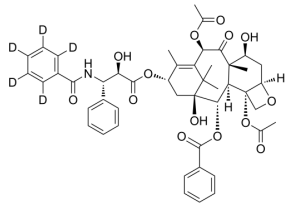
Paclitaxel-d_5

Cat. No.:	HY-B0015S
CAS No.:	1129540-33-5
Batch No.:	243868
Chemical Name:	Benzenepropanoic acid, β-(benzoyl-2,3,4,5,6-d5-amino)-α-hydroxy-, (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-6,12b-bis(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-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, (αR,βS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{47}H_{46}D_5NO_{14}$		
Molecular Weight:	**858.94**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity:	**≥98.0%**
Isotopic Enrichment:	98.84%
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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