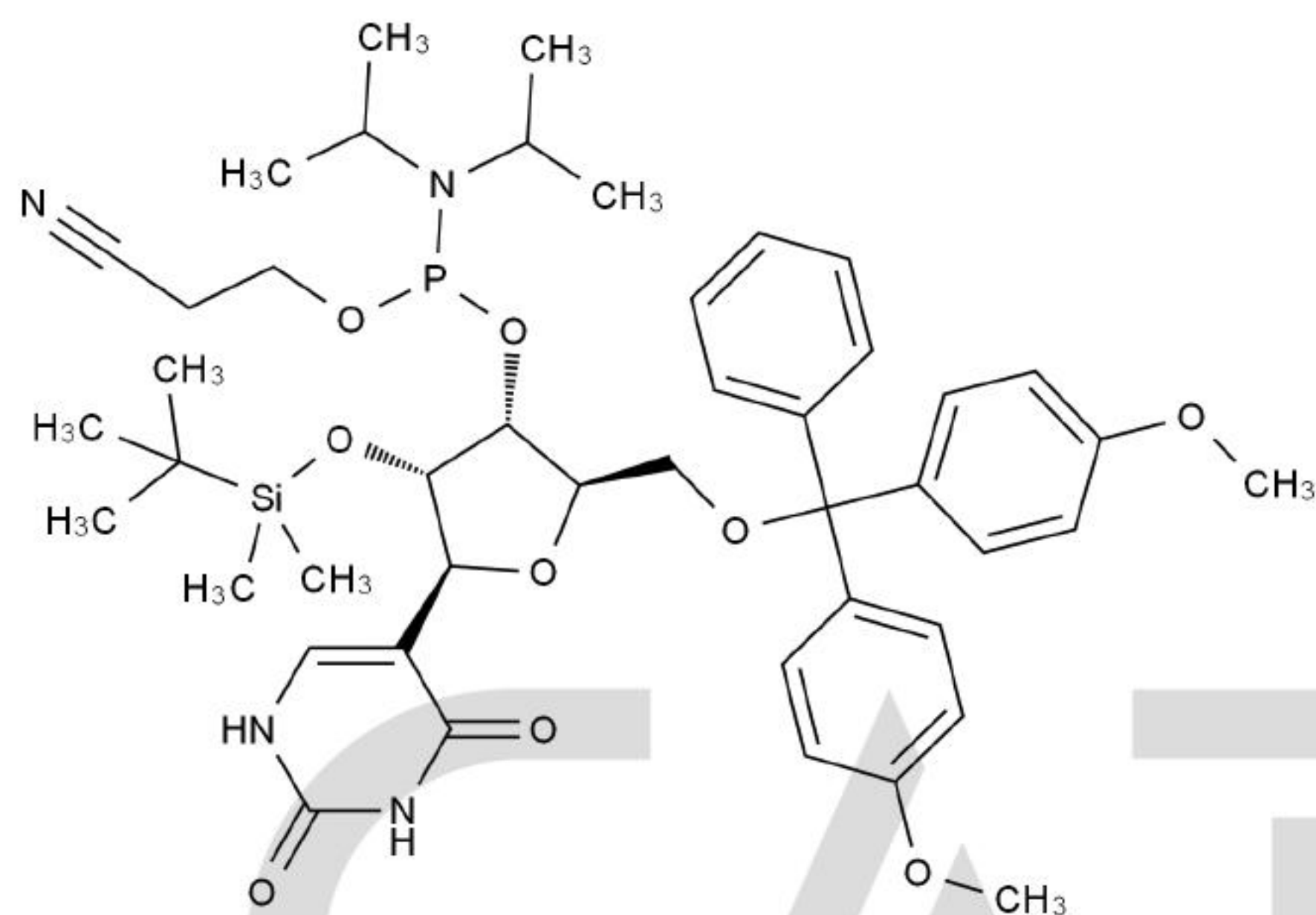


Certificate of Analysis

Reference Material

Product Name:	2'-O-TBDMS-Pseudouridine	Catalogue Number:	C4X-288622
Chemical Name:	N/A	Lot Number:	0703-RE-0062
CAS Number:	163496-23-9	Expiry Date:	Jul 26, 2025
Molecular Formula:	C45H61N4O9PSi	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	861.05		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.172%
Loss On Drying	TGA	0.4948%
Assay		95.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aporoved by General manager:

David

Date: Jul 27, 2023

Date: Jul 28, 2023

Date: Jul 28, 2023

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