

Certificate of Analysis

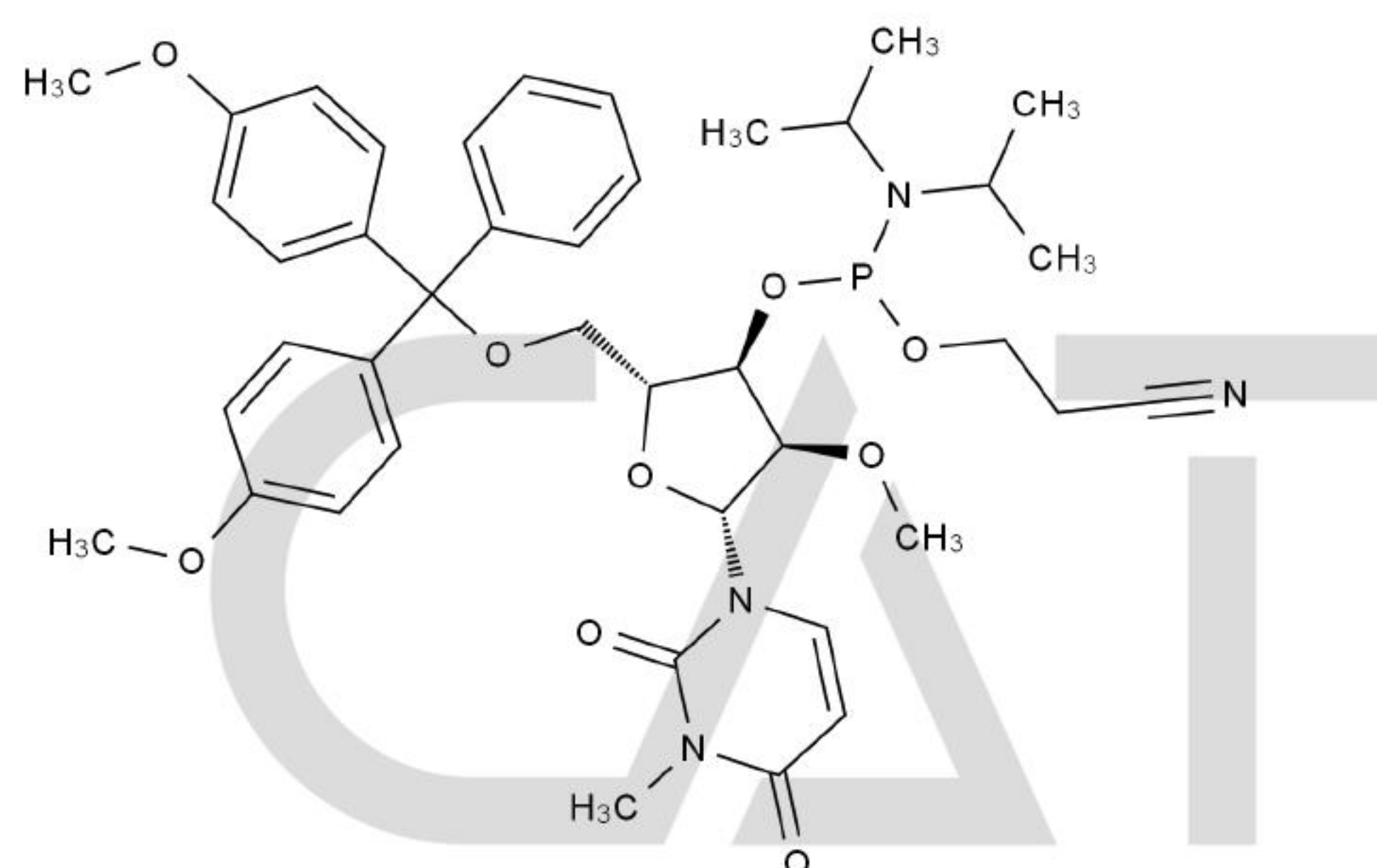
Reference Material & Standard

Product Name:	3,2'-O-dimethyluridine Phosphoramidite	Catalogue Number:	C4X-288617
Synonyms:	N/A	Lot Number:	0705-RE-0008
CAS Number:	N/A	Expiry Date:	Jul 24, 2027
Molecular Formula:	C ₄₁ H ₅₁ N ₄ O ₉ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	774.84	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.224%
Loss on Drying	TGA	0.4263%
Assay		95.8%

Comment:

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

Assay (%) = (100% - Loss on Drying) * 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

Approved by General Manager:

David

Date: Jul 25, 2023

Date: Jul 25, 2023

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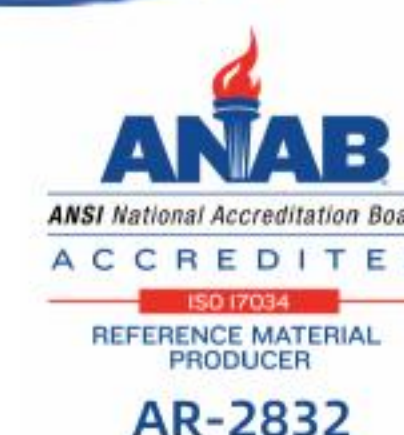
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