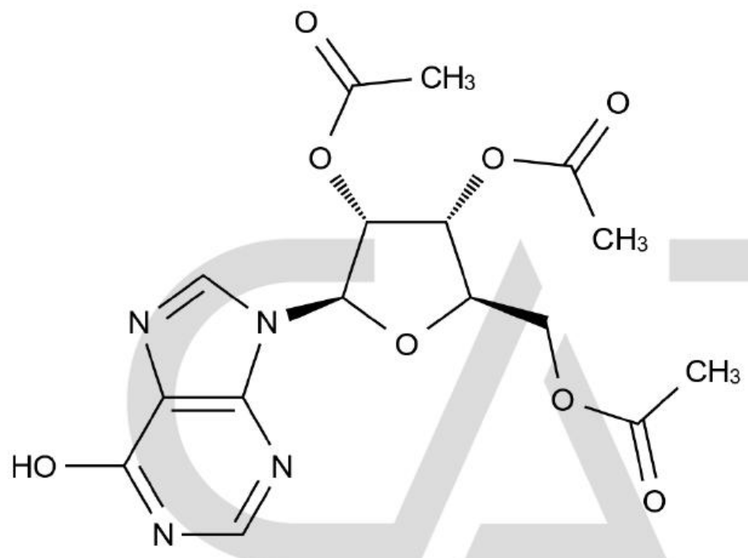
Certificate of Analysis

Reference Material & Standard

Product Name:	2',3',5'-Tri-O-acetylinosine	**Catalogue Number:**	C1893906
Synonyms:	N/A	**Lot Number:**	0908-RH-0099
CAS Number:	3181-38-2	**Expiry Date:**	Sep 10, 2030
Molecular Formula:	$C_{16}H_{18}N_4O_8$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	394.34	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.042%
Loss on Drying	TGA	0.1466%
Assay		98.9%

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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: Alice Date: Sep 11, 2026

Reviewed by: Koi Date: Sep 11, 2026

Approved by General Manager: David Date: Sep 11, 2026

CATO Research Chemicals Inc.