



CERTIFICATE OF ANALYSIS



Date: 30-01-2026

Product Name	Adenosine Impurity 13		
Chemical Name	(2R,3R,4R,5R)-2-(6-benzamido-9H-purin-9-yl)-5-((bis(4-methoxyphenyl)(phenyl)methoxy)methyl)-4-(2-methoxyethoxy)tetrahydrofuran-3-yl (2-cyanoethyl) diisopropylphosphoramidite		
Structure	<p>The chemical structure is a complex organic molecule. It features a purine ring system with an amino group at position 6 and a carbonyl group at position 9. Attached to the purine ring is a tetrahydrofuran (THF) ring at position 2. The THF ring has a methoxyethoxy group at position 4 and a (2-cyanoethyl) diisopropylphosphoramidite group at position 5. The THF ring is also substituted with a bis(4-methoxyphenyl)(phenyl)methoxy group at position 3.</p>		
Batch No.	-	CAS No.	256224-01-8
Analysis Date	-	Retest Date	-
Mol. Formula	C ₅₀ H ₅₈ N ₇ O ₉ P	Molecular Wt.	932
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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