



CERTIFICATE OF ANALYSIS



Date: 30-01-2026

Product Name	Entecavir Impurity 10		
Chemical Name	6-(BenzylOxy)-9-((1S,3R,4S)-4-(benzylOxy)-3-((benzylOxy)methyl)-2-methylenecyclopentyl)-N-((4-methoxyphenyl)diphenylmethyl)-9H-purin-2-amine		
Structure	<p>The chemical structure of Entecavir Impurity 10 is a purine derivative. It features a purine ring system with a 9H-purin-2-amine substituent. Attached to the purine ring is a 4-((4-methoxyphenyl)diphenylmethyl) group. A 6-(benzylOxy) group is also present. A 3-((benzylOxy)methyl)-2-methylenecyclopentyl group is attached to the purine ring at the 9-position.</p>		
Batch No.	-	CAS No.	142217-80-9
Analysis Date	-	Retest Date	5
Mol. Formula	C ₅₃ H ₄₉ N ₅ O ₄	Molecular Wt.	820
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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