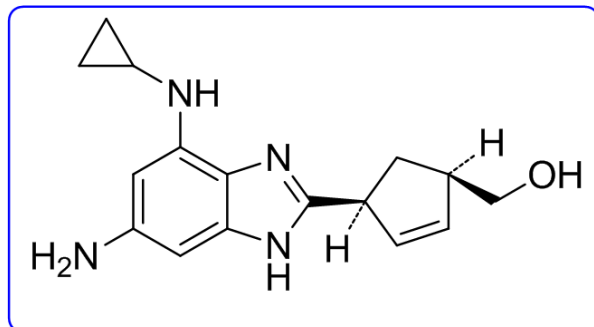


CERTIFICATE OF ANALYSIS

Certified Reference Standard

Abacavir EP Impurity D

[(1R,4R)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]cyclopent-2-enyl]methanol dihydrochloride



Product Number:

CAS Number: CAS # 783292-37-5 (base)

Lot Number:

Molecular Formula: C₁₄H₂₀Cl₂N₆O

Molecular Weight: 359.25 g/mol

Long-term Storage: 2-8 °C

Appearance: Off White Solid

Melting Point: N.A.

Assay Purity: NLT 97%

Sr.#	Test	Results	Data ref.
1	¹ H NMR	Conform	Report attached
2	Mass	Conform	Report attached
3	IR	Conform	Report attached

Manufacturing Date: August-2017

Expiration Date: August-2019

This certificate is valid for two years from the date of manufacturing provided the substance is stored under the recommended conditions.