

Certificate of Analysis

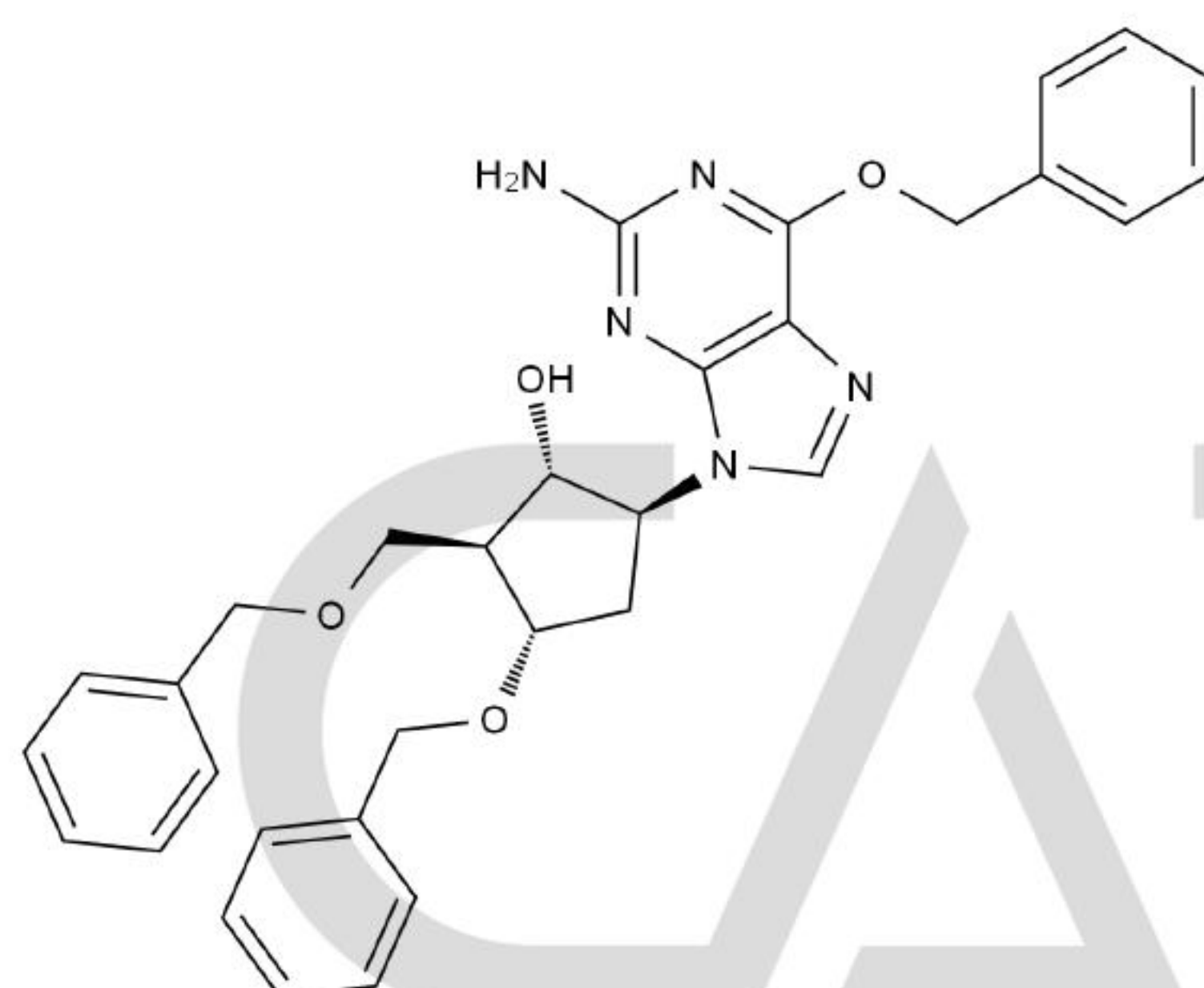
Reference Material & Standard

Product Name:	Entecavir Impurity 60	Catalogue Number:	C4X-107760
Synonyms:	N/A	Lot Number:	0517-RF-0009
CAS Number:	142217-77-4	Expiry Date:	Jul 19, 2030
Molecular Formula:	C ₃₂ H ₃₃ N ₅ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	551.64	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.736%
Loss on Drying	TGA	0.0174%
Assay		99.7%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 20, 2026

Date: Jul 21, 2026

Date: Jul 21, 2026



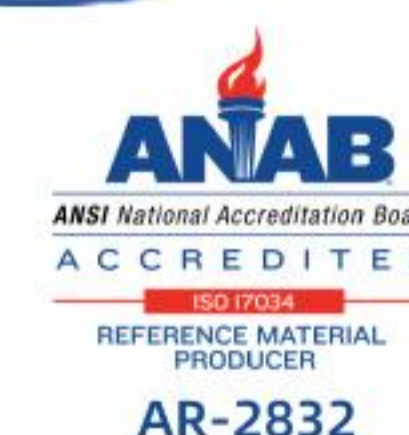
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