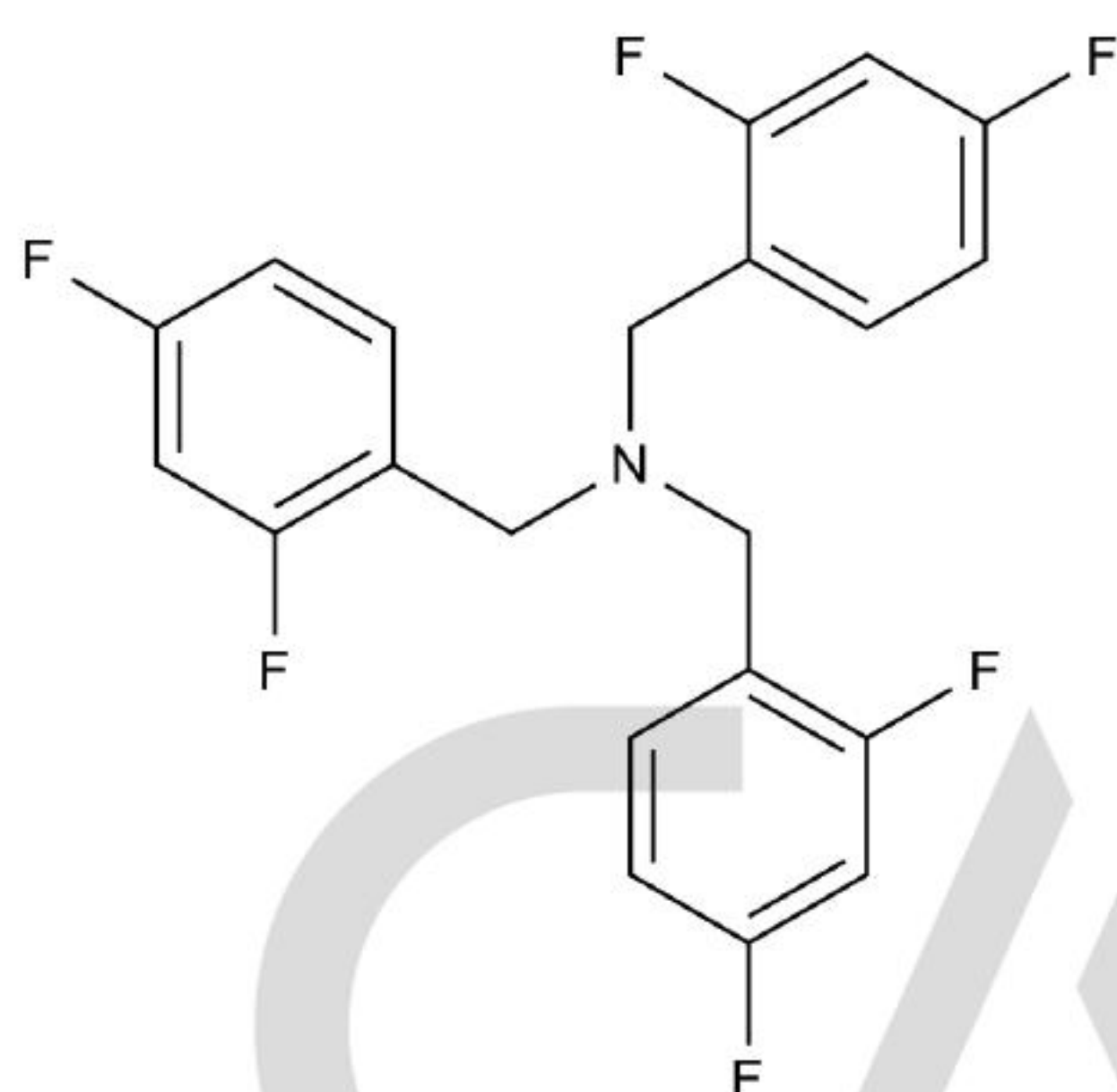


Certificate of Analysis

Reference Material & Standard

Product Name:	Cabotegravir Impurity 2	Catalogue Number:	C4X-28762
Synonyms:	N/A	Lot Number:	0804-RG-0096
CAS Number:	N/A	Expiry Date:	Jul 29, 2029
Molecular Formula:	C ₂₁ H ₁₅ F ₆ N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	395.34		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Oil
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.272%
Water Content	Karl Fischer	0.01%
Residual Solvents	NMR	0.52% dioxane
Assay		98.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 05, 2025

Date: Aug 05, 2025

Date: Aug 05, 2025

