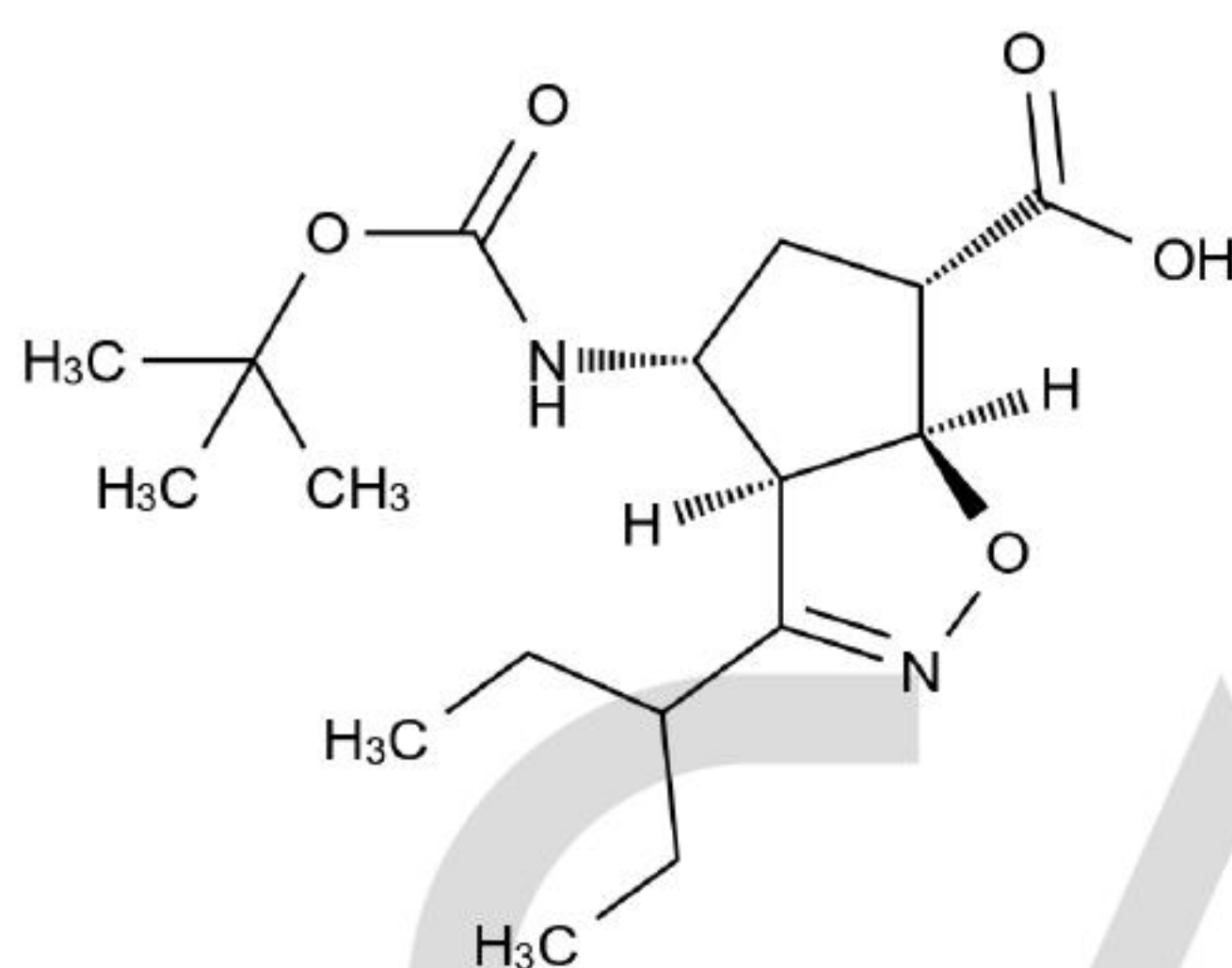


Certificate of Analysis

Reference Material & Standard

Product Name:	Peramivir Impurity N33	Catalogue Number:	CP132878
Synonyms:	(3aR,4R,6S,6aS)-4-((tert-butoxycarbonyl)amino)-3-(pentan-3-yl)-3a,5,6,6a-tetrahydro-4H-cyclopenta[d]isoxazole-6-carboxylic acid	Lot Number:	0326-RF-0041
CAS Number:	316173-27-0	Expiry Date:	Mar 26, 2027
Molecular Formula:	C ₁₇ H ₂₈ N ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	340.41	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.488%
Water Content	Karl Fischer	0.32%
Residual Solvents	NMR	Not detected in NMR
Assay		96.2%

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:

Lisa

Approved by General Manager:

David

Date: Mar 28, 2024

Date: Mar 28, 2024

Date: Mar 28, 2024

