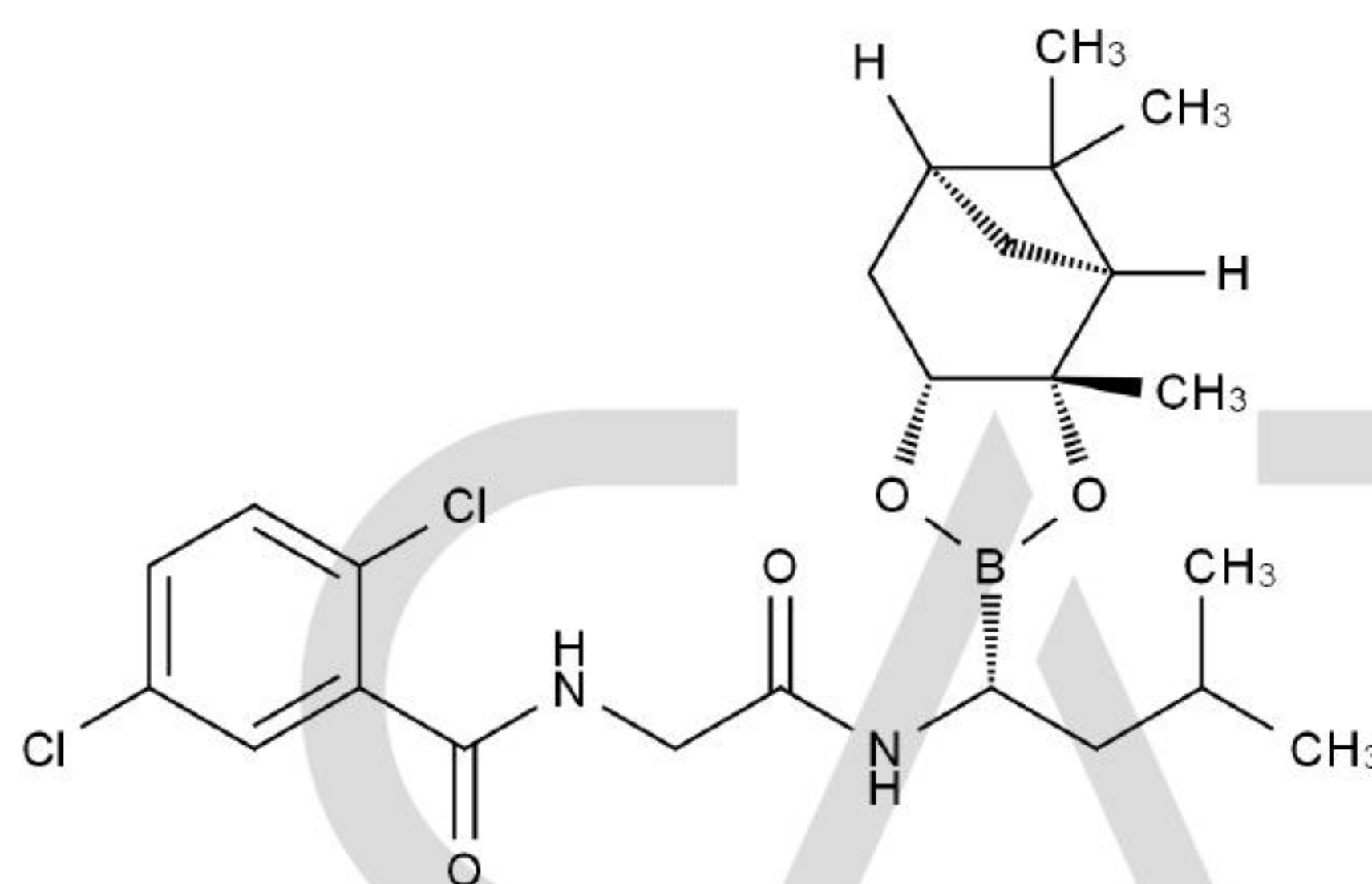


Certificate of Analysis

Reference Material & Standard

Product Name:	Ixazomib Impurity N1	Catalogue Number:	CP106693
Synonyms:	2,5-Dichloro-N-[2-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-methylbutyl]amino]-2-oxoethyl]benzamide	Lot Number:	1029-RG-0026
CAS Number:	1201903-02-7	Expiry Date:	Nov 11, 2029
Molecular Formula:	C ₂₄ H ₃₃ BCl ₂ N ₂ O ₄	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	495.26	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile, Chloroform and Methanol	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR&HSQC	Confirmed
Purity	HPLC	99.059%
Loss On Drying	TGA	1.0264%
Assay	qNMR	98.1%
Assay	Mass Balance	98.0%

Comment:

1. The retest date of this product is Nov 11, 2028.
2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$
 Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Nov 27, 2025

Date: Nov 27, 2025

Date: Nov 27, 2025



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