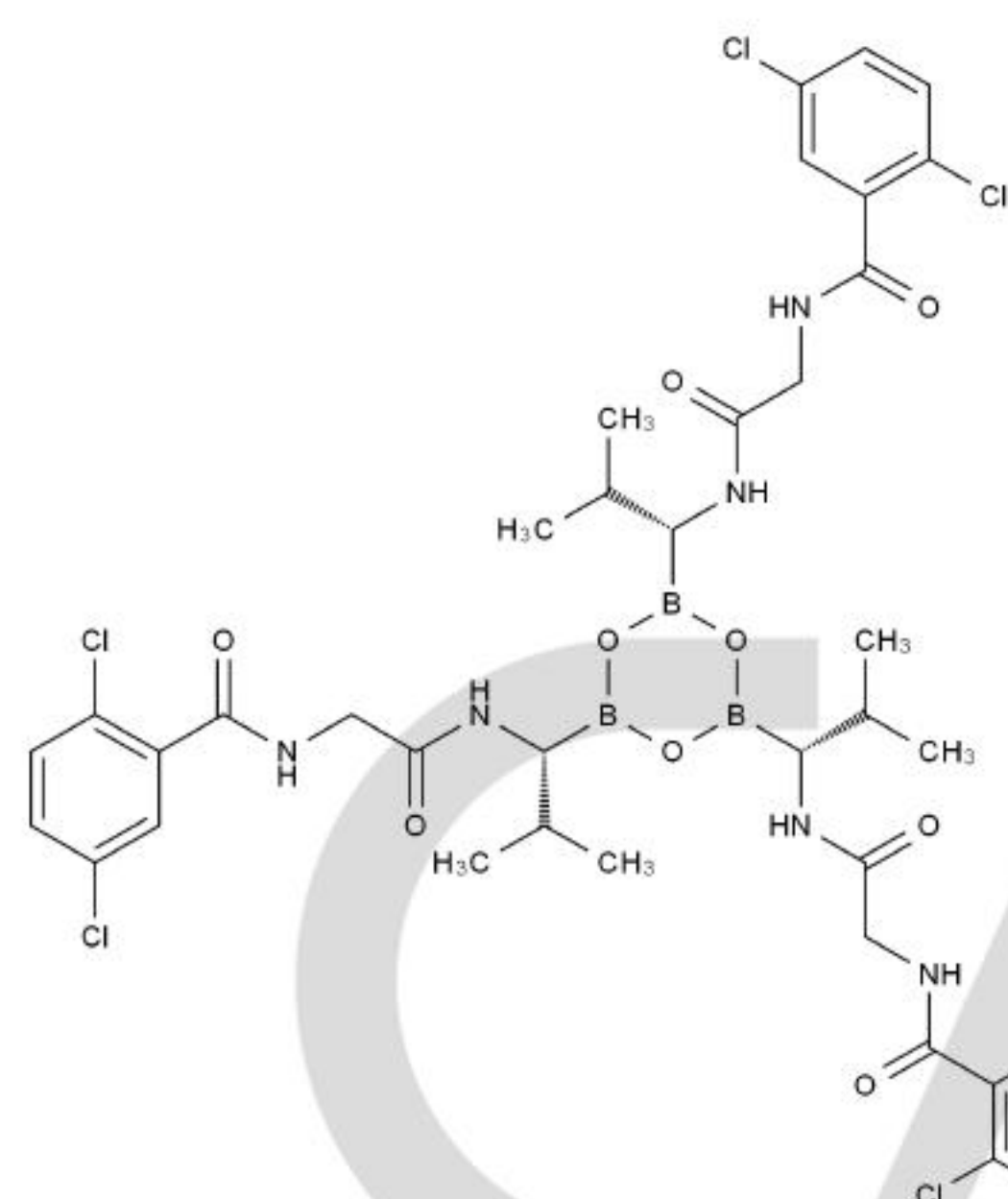


Certificate of Analysis

Reference Material & Standard

Product Name:	Ixazomib Impurity 30	Catalogue Number:	C4X-126730
Synonyms:	N/A	Lot Number:	0515-RE-0147
CAS Number:	50-74-8	Expiry Date:	May 22, 2026
Molecular Formula:	C ₃₉ H ₄₅ B ₃ Cl ₆ N ₆ O ₉	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	986.96	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.756%
Loss on Drying	TGA	0.0128%
Assay	qNMR	98.4%
Assay		99.7%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
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:

Yuki

Reviewed by:

Nacy

Approved by General Manager:

David

Date: May 23, 2023

Date: May 25, 2023

Date: May 25, 2023



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