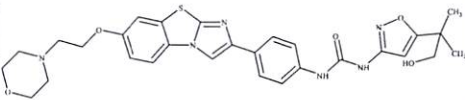


Certificate of Analysis



 Certificate No.: **20260609021**

Date: June 9, 2026

Retest date: June 5, 2029

Compound Name:	Quizartinib Metabolite (AC886)	
Synonyms:	1-(5-(1-hydroxy-2-methylpropan-2-yl)isoxazol-3-yl)-3-(4-(7-(2-morpholinoethoxy)benzo[d]imidazo[2,1-b]thiazol-2-yl)phenyl)urea	
TLC Catalogue Number:	Q-025005	
CAS Number:	1225542-12-0	
Alternate CAS Number:	N/A	
Molecular Weight:	576.67	
Molecular Formula:	C ₂₉ H ₃₂ N ₆ O ₅ S	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7478-028A8	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Acidic solution	

Test Description	Specifications	Results
Visual Description	Pale yellow solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.1%
Impurity (HPLC)	RT 1.56, 0.31%; RT 14.24, 0.36%	
Water Content (KF)	N/A	0.3%
Residual Solvents (NMR)	0.2% dichloromethane, 0.2% acetonitrile and 0.1% methanol	
Assay (%)	Not less than 90.0%	98.3%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/09/2026
Approved by:	Quality Assurance		06/09/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.