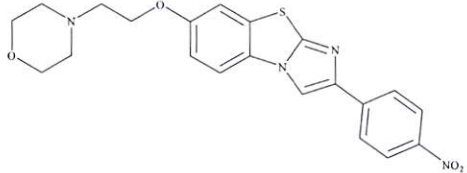


Certificate of Analysis



 Certificate No.: **20260625008**

Date: June 25, 2026

Retest date: June 22, 2029

Compound Name:	Quizartinib Impurity 3	
Synonyms:	4-(2-((2-(4-nitrophenyl)benzo[d]imidazo[2,1-b]thiazol-7-yl)oxy)ethyl)morpholine	
TLC Catalogue Number:	Q-025008	
CAS Number:	950769-60-5	
Alternate CAS Number:	N/A	
Molecular Weight:	424.48	
Molecular Formula:	C ₂₁ H ₂₀ N ₄ O ₄ S	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7341-080A4	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Solution of DMSO and Acidic solution	

Test Description	Specifications	Results
Visual Description	Brown 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%	99.6%
Impurity (HPLC)	RT 18.05, 0.10%; RT 20.23, 0.15%	
Water Content (KF)	N/A	0.2%
Residual Solvents (NMR)	1.0% dimethylformamide	
Assay (%)	Not less than 90.0%	98.4%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/25/2026
Approved by:	Quality Assurance		06/25/2026

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