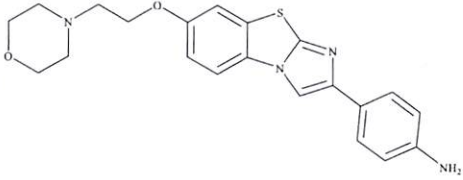


Certificate of Analysis



Certificate No.: 20260616012

Date: June 16, 2026

Retest date: June 11, 2029

Compound Name:	Quizartinib Impurity 2	
Synonyms:	4-(7-(2-morpholinoethoxy)benzo[d]imidazo[2,1-b]thiazol-2-yl)aniline	
TLC Catalogue Number:	Q-025004	
CAS Number:	950769-61-6	
Alternate CAS Number:	N/A	
Molecular Weight:	394.49	
Molecular Formula:	C ₂₁ H ₂₂ N ₄ O ₂ S	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7341-093A11	
Storage Conditions:	Store at 2-8 °C	
Solubility:	DMSO	

Test Description	Specifications	Results
Visual Description	Orange 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%	98.8%
Impurity (HPLC)	RT 3.97, 0.14%; RT 14.45, 0.11%; RT 20.33, 0.64%	
Residual Solvents (NMR)	1.0% methanol	
Assay (qNMR)	Not less than 90.0%	94.6%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/16/2026
Approved by:	Quality Assurance		06/16/2026

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