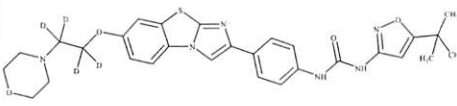


Certificate of Analysis



Certificate No.: 20260622008

Date: June 22, 2026

Retest date: June 16, 2029

Compound Name:	Quizartinib-d₄	
Synonyms:	1-(5-(<i>tert</i> -butyl)isoxazol-3-yl)-3-(4-(7-(2-morpholinoethoxy-1,1,2,2- <i>d</i> ₄)benzo[<i>d</i>]imidazo[2,1- <i>b</i>]thiazol-2-yl)phenyl)urea	
TLC Catalogue Number:	Q-025002	
CAS Number:	N/A	
Alternate CAS Number:	950769-58-1 (non-labelled)	
Molecular Weight:	564.70	
Molecular Formula:	C ₂₉ H ₂₈ D ₄ N ₆ O ₄ S	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7472-044A4	
Storage Conditions:	Store at 2-8 °C	
Solubility:	DMSO, DMF	

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%	98.4%
Impurity (HPLC)	RT 1.76, 0.30%; RT 15.18, 0.31%; RT 15.29, 0.30%	
Isotopic Enrichment	Not less than 98.0%	99.9%
Water Content (KF)	N/A	0.9%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	97.5%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/22/2026
Approved by:	Quality Assurance		06/22/2026

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