

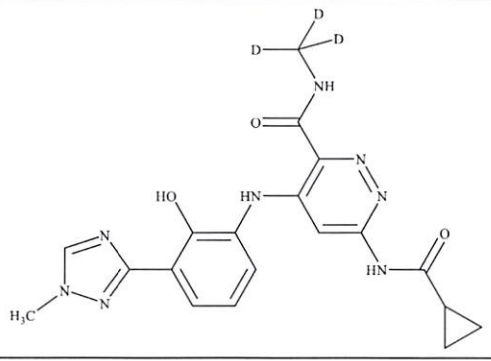
Certificate of Analysis

Certificate No.: **20250604002**



Date: June 4, 2025

Retest date: May 23, 2028

Compound Name: Deucravacitinib Impurity 19	
Synonyms:	6-(cyclopropanecarboxamido)-4-((2-hydroxy-3-(1-methyl-1 <i>H</i> -1,2,4-triazol-3-yl)phenyl)amino)- <i>N</i> -(methyl- <i>d</i> ₃)pyridazine-3-carboxamide
TLC Catalogue Number:	B-210024
CAS Number:	N/A
Alternate CAS Number:	N/A
Molecular Weight:	411.44
Molecular Formula:	C ₁₉ H ₁₇ D ₃ N ₈ O ₃
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6849-035A7
Storage Conditions:	Store at 2-8 °C
Solubility:	DMSO



Test Description	Specifications	Results
Visual Description	Off-white 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%	98.0%
Impurity (HPLC)	RT 12.14, 1.45%; RT 15.76, 0.10%	
Isotopic Enrichment	Not less than 98.0%	99.6%
Residual Solvents (NMR)	2.6% dichloromethane and 0.1% methanol	
Assay (qNMR)	Not less than 90.0%	92.0%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/04/2025
Approved by:	Quality Assurance		06/04/2025

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