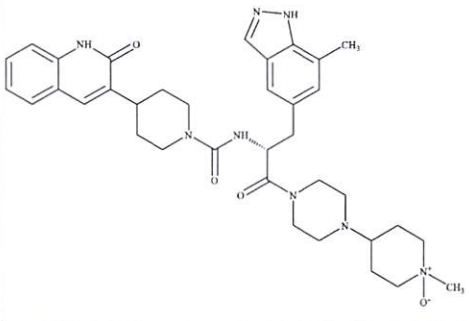


Certificate of Analysis



 Certificate No.: **20260610001**

Date: June 10, 2026

Retest date: June 3, 2029

Compound Name:	Zavegepant Piperidine N-Oxide (Mixture of <i>cis</i> and <i>trans</i> Isomers)	
Synonyms:	(R)-1-methyl-4-(4-(3-(7-methyl-1 <i>H</i> -indazol-5-yl)-2-(4-(2-oxo-1,2-dihydroquinolin-3-yl)piperidine-1-carboxamido)propanoyl)piperazin-1-yl)piperidine 1-oxide	
TLC Catalogue Number:	Z-046026	
CAS Number:	N/A	
Alternate CAS Number:	N/A	
Molecular Weight:	654.82	
Molecular Formula:	C ₃₆ H ₄₆ N ₈ O ₄	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7466-014A6	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO	

Test Description	Specifications	Results
Visual Description	White to 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%	96.6%
Impurity (HPLC)	RT 0.83, 0.16%; RT 1.15, 0.83%; RT 9.29, 2.22%	
Residual Solvents (NMR)	0.1% acetonitrile	
Assay (qNMR)	Not less than 75.0%	80.9%
Recommendation:	Release. The compound contains 2.2% isomeric impurity (RT 9.29) according to its HPLC and LC-MS.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/10/2026
Approved by:	Quality Assurance		06/10/2026

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