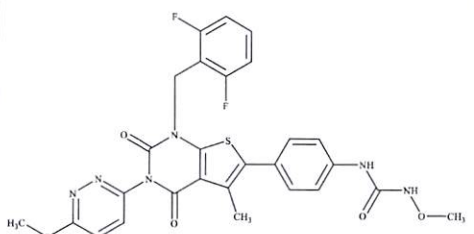


# Certificate of Analysis



Certificate No.: 20260609010

Date: June 9, 2026

Retest date: June 4, 2029

<b>Compound Name:</b>	<b>Relugolix Impurity 79</b>	
<b>Synonyms:</b>	1-(4-(1-(2,6-difluorobenzyl)-3-(6-methoxypyridazin-3-yl)-5-methyl-2,4-dioxo-1,2,3,4-tetrahydrothieno[2,3-d]pyrimidin-6-yl)phenyl)-3-methoxyurea	
<b>TLC Catalogue Number:</b>	R-139083	
<b>CAS Number:</b>	2681381-03-1	
<b>Alternate CAS Number:</b>	N/A	
<b>Molecular Weight:</b>	580.57	
<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>22</sub> F <sub>2</sub> N <sub>6</sub> O <sub>5</sub> S	
<b>Source:</b>	TLC Pharmaceutical Standards	
<b>Source Lot No.:</b>	7282-100A2	
<b>Storage Conditions:</b>	Store at 2-8 °C	
<b>Solubility:</b>	Solution of Methanol and Acetonitrile, DMSO, DMF	

Test Description	Specifications	Results
<b>Visual Description</b>	Pale yellow solid	<b>Conforms</b>
<b>Identification</b>		
IR	Conforms to structure	<b>Conforms</b>
MS	Conforms to structure	<b>Conforms</b>
<sup>1</sup> H NMR	Conforms to structure	<b>Conforms</b>
<b>Purity (HPLC)</b>	Not less than 95.0%	<b>98.7%</b>
<b>Impurity (HPLC)</b>	RT 11.09, 0.35%; RT 17.95, 0.38%; RT 18.82, 0.16%	
<b>Water Content (KF)</b>	N/A	<b>0.7%</b>
<b>Residual Solvents (NMR)</b>	No residual solvent	
<b>Assay (%)</b>	Not less than 90.0%	<b>98.0%</b>
<b>Recommendation:</b>	<b>Release.</b>	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/09/2026
Approved by:	Quality Assurance		06/09/2026

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