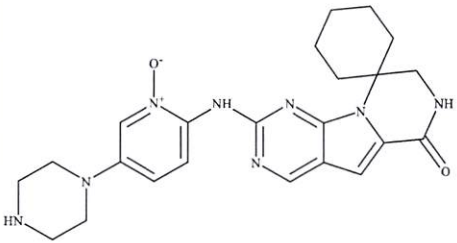


## Certificate of Analysis



Certificate No.: 20260615003

Date: June 15, 2026

Retest date: June 10, 2029

<b>Compound Name:</b>	<i>N</i> -Desmethyl Trilaciclib <i>N</i> <sup>2</sup> -Oxide	
<b>Synonyms:</b>	2-((6'-oxo-7',8'-dihydro-6' <i>H</i> -spiro[cyclohexane-1,9'-pyrazino[1',2':1,5]pyrrolo[2,3- <i>d</i> ]pyrimidin]-2'-yl)amino)-5-(piperazin-1-yl)pyridine 1-oxide	
<b>TLC Catalogue Number:</b>	T-474017	
<b>CAS Number:</b>	N/A	
<b>Alternate CAS Number:</b>	N/A	
<b>Molecular Weight:</b>	448.53	
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>28</sub> N <sub>8</sub> O <sub>2</sub>	
<b>Source:</b>	TLC Pharmaceutical Standards	
<b>Source Lot No.:</b>	7503-006A2	
<b>Storage Conditions:</b>	Store at 2-8 °C	
<b>Solubility:</b>	Methanol, DMSO, DMF	

Test Description	Specifications	Results
<b>Visual Description</b>	Pale yellow solid	<b>Conforms</b>
<b>Identification</b>		
<b>IR</b>	Conforms to structure	<b>Conforms</b>
<b>MS</b>	Conforms to structure	<b>Conforms</b>
<b><sup>1</sup>H NMR</b>	Conforms to structure	<b>Conforms</b>
<b>Purity (HPLC)</b>	Not less than 95.0%	<b>98.5%</b>
<b>Impurity (HPLC)</b>	RT 6.51, 0.20%; RT 12.36, 0.66%; RT 16.58, 0.42%	
<b>Residual Solvents (NMR)</b>	0.1% methanol	
<b>Assay (qNMR)</b>	Not less than 90.0%	<b>93.0%</b>
<b>Recommendation:</b>	<b>Release.</b>	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/15/2026
Approved by:	Quality Assurance		06/15/2026

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