

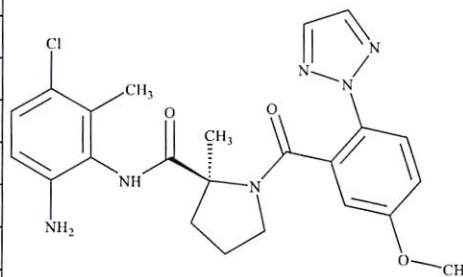
# Certificate of Analysis

 Certificate No.: **20260609015**



Date: June 9, 2026

Retest date: June 4, 2029

<b>Compound Name:</b> Daridorexant Impurity 13	
<b>Synonyms:</b>	(S)-N-(6-amino-3-chloro-2-methylphenyl)-1-(5-methoxy-2-(2H-1,2,3-triazol-2-yl)benzoyl)-2-methylpyrrolidine-2-carboxamide
<b>TLC Catalogue Number:</b>	D-306021
<b>CAS Number:</b>	3104462-92-9
<b>Alternate CAS Number:</b>	N/A
<b>Molecular Weight:</b>	468.94
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>25</sub> ClN <sub>6</sub> O <sub>3</sub>
<b>Source:</b>	TLC Pharmaceutical Standards
<b>Source Lot No.:</b>	7482-033A2
<b>Storage Conditions:</b>	Store at 2-8 °C
<b>Solubility:</b>	Methanol, DMSO



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>99.8%</b>
<b>Impurity (HPLC)</b>	RT 12.18, 0.12%	
<b>Water Content (KF)</b>	N/A	<b>0.6%</b>
<b>Optical Rotation</b>	N/A	$[\alpha]_D^{25.0}(c=0.47, CH_3OH): +18.5^\circ$
<b>Residual Solvents (NMR)</b>	1.0% methanol	
<b>Assay (%)</b>	Not less than 90.0%	<b>98.2%</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.