

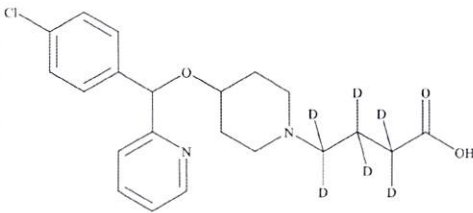
## Certificate of Analysis

Certificate No.: **20240905010**



Date: September 5, 2024

Retest date: August 31, 2027

<b>Compound Name:</b> <i>rac</i> -Bepotastine-d <sub>6</sub>	
<b>Synonyms:</b>	4-(4-((4-chlorophenyl)(pyridin-2-yl)methoxy)piperidin-1-yl)butanoic-2,2,3,3,4,4-d <sub>6</sub> acid
<b>TLC Catalogue Number:</b>	B-501
<b>CAS Number:</b>	1070505-53-1 (non-labelled)
<b>Molecular Weight:</b>	394.93
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>19</sub> D <sub>6</sub> ClN <sub>2</sub> O <sub>3</sub>
<b>Source:</b>	TLC Pharmaceutical Standards
<b>Source Lot No.:</b>	6268-061A5
<b>Storage Conditions:</b>	Hygroscopic, store at 2-8 °C
<b>Solubility:</b>	Methanol, DMSO, Acetonitrile



Test Description	Specifications	Results
<b>Visual Description</b>	Off-white 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>99.6%</b>
<b>Impurity (HPLC)</b>	RT 0.91, 0.24%	
<b>Isotopic Enrichment</b>	Not less than 95.0%	<b>99.2%</b>
<b>Residual Solvents (NMR)</b>	0.5% acetonitrile and 0.1% dichloromethane	
<b>Assay (qNMR)</b>	Not less than 85.0%	<b>96.5%</b>
<b>Recommendation:</b>	<b>Release.</b>	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		09/06/2024
Approved by:	Quality Assurance		09/06/2024

**Attachments:** HPLC, IR, MS and NMR spectra.