

Analysis Date: 01-02-2026

Re-test Date: 01-03-2029

## ARIPIPRAZOLE D8

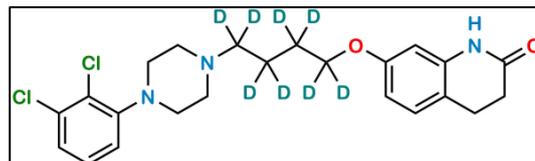
### Identification

**Chemical Name** : 7-(4-(4-(2,3-Dichlorophenyl)piperazin-1-yl)butoxy-1,1,2,2,3,3,4,4-d8)-3,4-dihydroquinolin-2(1H)-one

**CAT No** : ALL-ARI-600

**CAS No** : 1089115-04-7

**Molecular Formula** : C<sub>23</sub>H<sub>19</sub>D<sub>8</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>



**Molecular Weight** : 456.4

### Analytical Information

<b>Batch No</b>	: ALL-ARI-600	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: Methanol / EP Diluent	<b>Potency</b>	: 96.80 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 °C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.193%	<b><sup>1</sup>HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.282 %		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.939+0.282) × 98.00]/100 = 96.80 %

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office