

Analysis Date: 06-01-2026

Re-test Date: 06-01-2029

## AGOMELATINE D6

### Identification

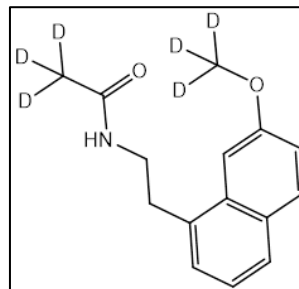
**Chemical Name** : N-(2-(7-(methoxy-d3)naphthalen-1-yl)ethyl)acetamide-2,2,2-d3

**CAT No** : ALL-A08113

**CAS No** : 1079389-42-6

**Molecular Formula** : C<sub>15</sub>H<sub>11</sub>D<sub>6</sub>NO<sub>2</sub>

**Molecular Weight** : 249.3



### Analytical Information

<b>Batch Code</b>	: ALL-A08113	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 97.69%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.204%	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.189%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.204+0.189) × 98.08]/100 = 97.56%

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase 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