

Analysis Date: 06-01-2026

Re-test Date: 06-01-2029

## ACETAZOLAMIDE D3

### Identification

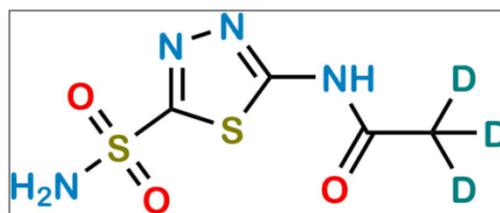
**Chemical Name** : N-(5-Sulfamoyl-1,3,4-thiadiazol-2-yl)acetamide-2,2,2-d3

**CAT No** : ALL-ATZ-44

**CAS No** : 1189904-01-5

**Molecular Formula** : C<sub>4</sub>H<sub>3</sub>D<sub>3</sub>N<sub>4</sub>O<sub>3</sub>S<sub>2</sub>

**Molecular Weight** : 225.2



### Analytical Information

<b>Batch No.</b>	: ALL-ATZ-44	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MEOH   DMSO	<b>Potency</b>	: 97.25 %
<b>Appearance of Product</b>	: OFF WHITE SOLID	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 <sup>0</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.345 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.415%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.345 + 0.415) × 98.00]/100 = 97.25 %

**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