

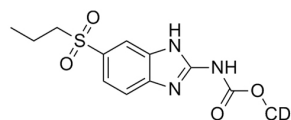
Analysis Date: 24-12-2025

Re-test Date: 24-12-2028

## ALBENDAZOLE SULFONE-D3

### Identification

**Chemical Name** : methyl (6-(propylsulfonyl)-1H-benzo[d]imidazol-2-yl)carbamate-D3  
**CAT No** : ALL-D05605  
**CAS No** : 1448345-60-5  
**Molecular Formula** : C<sub>12</sub>H<sub>12</sub>N<sub>3</sub>O<sub>4</sub>SD<sub>3</sub>  
**Molecular Weight** : 300.35



### Analytical Information

<b>Batch No.</b>	: ALL-D05605	<b>HPLC Purity</b>	: 98%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>% D Atom</b>	: 99 %
<b>Appearance of Product</b>	: Off White Solid	<b>Potency</b>	: 95.2%
<b>Weight Loss By TGA</b>	: 0.115%	<b>Mass</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.148%	<b>IR Analysis</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>1HNMR</b>	: Confirm

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (:0.115+0.148) × 98.00]/100 = 97.74%

**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, 1H NMR, IR, TGA

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

#### Corporate Office