

Analysis Date: 24-12-2025

Re-test Date: 24-12-2028

## ABEMACICLIB D8

### Identification

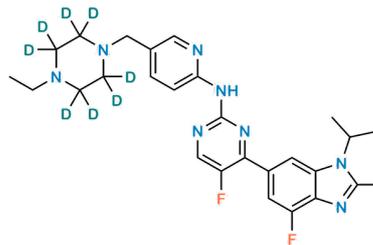
**Chemical Name** : N-(5-((4-Ethylpiperazin-1-yl-2,2,3,3,5,5,6,6-d8)methyl)pyridin-2-yl)-5-fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazol-6-yl)pyrimidin-2-amine

**CAT No** : ALL-D07529

**CAS No** : 2088650-53-5

**Molecular Formula** : C<sub>27</sub>H<sub>24</sub>D<sub>8</sub>F<sub>2</sub>N<sub>8</sub>

**Molecular Weight** : 514.7



### Analytical Information

<b>Batch No.</b>	: ALL-D07529	<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

**Corporate Office**

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203