

Analysis Date: 24-03-2026

Re-test Date: 24-03-2029

ABEMACICLIB D5

Identification

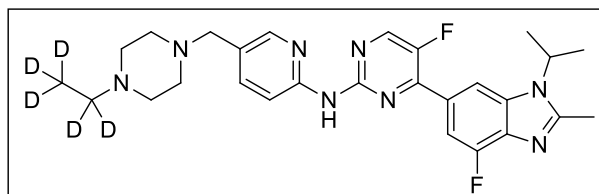
Chemical Name : N-(5-((4-(ethyl-d5)piperazin-1-yl)methyl)pyridin-2-yl)-5-fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazol-6-yl)pyrimidin-2-amine

CAT No : ALL-A09595

CAS No : 1809251-51-1

Molecular Formula : C₂₇H₂₇D₅F₂N₈

Molecular Weight : 511.64



Analytical Information

Batch No	: ALL-A09595	HPLC Purity	: 99.59 %
Solubility	: MeOH: ACN	Potency	: 98.87 %
Appearance of Product	: Off White Solid	% D Atom	: 99.00 %
Long Term Storage	: 2-8 °C	Mass	: Confirm
Weight Loss By TGA	: 0.704 %	IR Analysis	: Confirm
Residue Of Ignition	: 0.012 %	¹H NMR	: Confirm

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.704 + 0.012) \times 99.59] / 100 = 98.87 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse QA Officer	
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 otherwise specified

Corporate Office

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