

Analysis Date: 31-01-2026

Re-test Date: 31-01-2029

AZITHROMYCIN D3

Identification

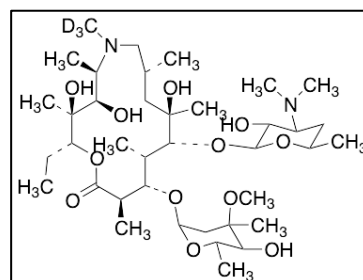
Chemical Name : (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-11-(((2S,3R,4S,6R)-4-(dimethylamino)-3-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-2-ethyl-3,4,10-trihydroxy-13-(((2R,4R,5S,6S)-5-hydroxy-4-methoxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-3,5,8,10,12,14-hexamethyl-6-(methyl-d3)-1-oxa-6-azacyclopentadecan-15-one

CAT No : ALL-A03212-D

CAS No : 16783-99-6

Molecular Formula : C₃₈H₆₉D₃N₂O₁₂

Molecular Weight : 752



Analytical Information

Batch No.	: ALL-A03212-D	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 97.78 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.034 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.190 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.034+0.190) × 98.00]/100 = 97.78 %

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 otherwise specified

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