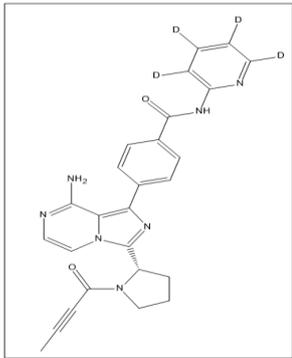


Analysis Date: 31-01-2026

Re-test Date: 31-01-2029

ACALABRUTINIB-D4

Identification

Chemical Name	: 4-[8-amino-3-[(2S)-1-but-2-ynoylpyrrolidin-2-yl]imidazo[1,5-a]pyrazin-1-yl]-N-(3,4,5,6-tetradeuterio-2-pyridinyl)benzamide	
CAT No	: ALL-ACA-1337	
CAS No	: 16783-99-6	
Molecular Formula	: C ₂₆ H ₂₃ N ₇ O ₂	
Molecular Weight	: 469.5 g/mol	

Analytical Information

Batch No.	: ALL-ACA-1337	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

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.034 + 0.190) \times 98.00] / 100 = 97.78 \%$$

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