

Analysis Date: 02-01-2026

Re-test Date: 02-01-2029

ACALABRUTINIB D4

Identification

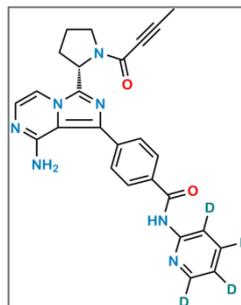
Chemical Name : (S)-4-(8-Amino-3-(1-(but-2-ynoyl)pyrrolidin-2-yl)imidazo[1,5-a]pyrazin-1-yl)-N-(pyridin-2-yl-d4)benzamide

CAT No : ALL-ACA-1330

CAS No : 2699608-18-7

Molecular Formula : C₂₆H₁₉D₄N₇O₂

Molecular Weight : 469.5



Analytical Information

| | | | |
|------------------------------|-----------------------------------|--------------------------|-----------|
| Batch No. | : ALL-ACA-1330 | HPLC Purity | : 98.00 % |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency | : 96.97 % |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : 2-8 ^o C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 0.927 % | ¹H NMR | : Confirm |
| Residue Of Ignition | : 0.114 % | | |

Additional Information

%Potency = [100 -(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 – (0.927 + 0.114) × 98.00]/100= 96.97 %

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