

Analysis Date: 01-01-2026

Re-test Date: 01-01-2028

ACALABRUTINIB IMPURITY 40

Identification

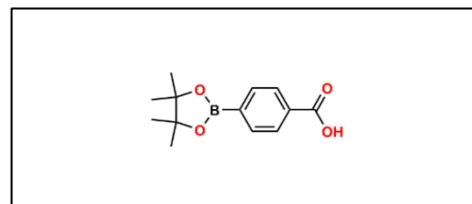
Chemical Name : 4-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)benzoic acid

CAT No : ALL-ACA-1325

CAS No : 180516-87-4

Molecular Formula : C₁₃H₁₇BO₄

Molecular Weight : 248.1



Analytical Information

Batch No.	: ALL-ACA-1325	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.97 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ 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