

Analysis Date: 04-02-2026

Re-test Date: 04-02-2029

APATINIB-D8

Identification

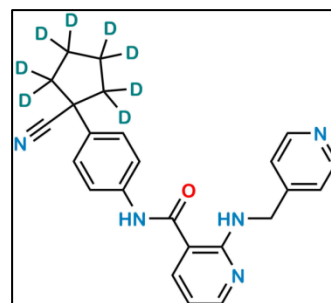
Chemical Name : N-(4-(1-Cyanocyclopentyl-2,2,3,3,4,4,5,5-d8)phenyl)-2-((pyridin-4-ylmethyl)amino)nicotinamide

CAT No : ALL-APA-437

CAS No : 2468771-43-7

Molecular Formula : C₂₄H₁₅D₈N₅O

Molecular Weight : 405.5



Analytical Information

Batch No	: ALL-APA-437	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 97.56 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.448 %	1HNMR	: Confirm
Residue Of Ignition	: 0.014 %		

Additional Information

%Potency = [100 %-(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 – (0.448+0.014) × 98.00]/100 = 97.56%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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