

Analysis Date: 24-12-2025

Re-test Date: 24-12-2028

AFATINIB D6

Identification

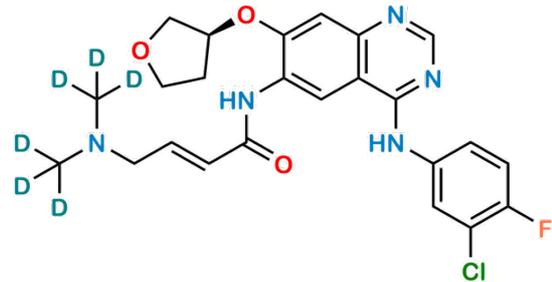
Chemical Name : (S,E)-4-(Bis(methyl-d3)amino)-N-(4-((3-chloro-4-fluorophenyl)amino)-7-((tetrahydrofuran-3-yl)oxy)quinazolin-6-yl)but-2-enamide

CAT No : ALL-D08009

CAS No : 1313874-96-2

Molecular Formula : C₂₄H₁₉D₆ClFN₅O₃

Molecular Weight : 492.0



Analytical Information

Batch No.	: ALL-D08009	HPLC Purity	: 98%
Solubility	: USP Diluent / EP Diluent (MEOH)	% D Atom	: 99 %
Appearance of Product	: Off White Solid	Potency	: 95.2%
Weight Loss By TGA	: 0.115%	Mass	: Confirm
Residue Of Ignition	: 0.148%	IR Analysis	: Confirm
Long Term Storage	: -20°C	¹H NMR	: Confirm

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (:0.115+0.148) × 98.00]/100 = 97.74%

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 specified

Corporate Office

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