

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

N-ACETYL SITAGLIPTIN

Identification

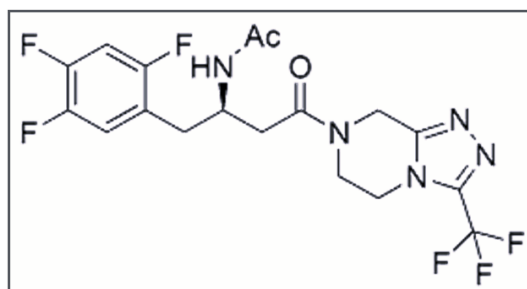
Chemical Name : 7-[(3R)-3-[(N-Acetyl)amino]-1-oxo-4-(2,4,5-trifluorophenyl)butyl]-5,6,7,8-tetrahydro-3-(trifluoromethyl)-1,2,4-triazolo[4,3-a]pyrazine

CAT No : ALL-SIT-2062

CAS No : 1379666-94-0

Molecular Formula : C₁₈H₁₇F₆N₅O₂

Molecular Weight : 449.35



Analytical Information

Batch Code	: ALL-SIT-2062	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.55%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.266%	¹H NMR	: Confirm
Residue Of Ignition	: 0.187%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.266+0.187) × 98.00]/100 = 97.55%

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203