

CERTIFICATE OF ANALYSIS

(Certificate No. KMS010166-01)

Release Date: 23/12/2024

Re-test Date: 23/12/2024

Sitagliptin Triazole Hydrochloride

Identification

Chemical Name :

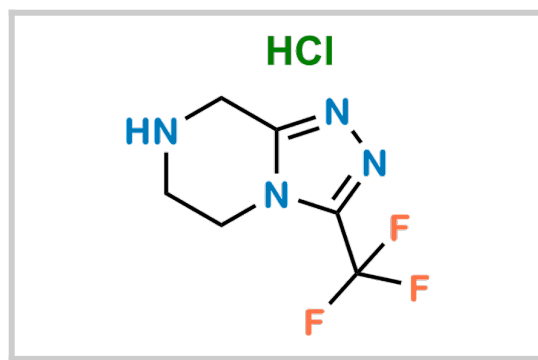
3-(Trifluoromethyl)-5,6,7,8-tetrahydro-[1,2,4]triazolo[4,3-a]pyrazine hydrochloride ;

CAT No. : KMS010166

CAS No. : 762240-92-6

Molecular Formula : C₆H₇F₃N₄ : HCl

Molecular Weight : 192.1 : 36.5



Analytical Information

Batch No. : S010166-091-096

Description : White Powder

HPLC Purity : 97.1 %

Weight Loss By TGA : 0.53 %

Residue On Ignition : 0.12 %

% Potency : 96.47 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.12(Residue On Ignition)] x [97.1(HPLC Purity)]/100 = 96.47 %

Note: Material tested as per ISO17034

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		23/12/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA