CERTIFICATE OF ANALYSIS

(Certificate No. KMS007049-01)

Release Date: 08/04/2026 **Re-test Date:** 07/04/2029

Saxagliptin Diketopiperazine

Identification

Chemical Name :
(1aS,4S,6aR,7aS)-4-(3-hydroxyadamantan-1-yl)hexahydro-1H-cyclopropa[4,5]pyrrolo[1,2-a]pyrazine-3,6(1aH,6aH)-dione (as per EP)

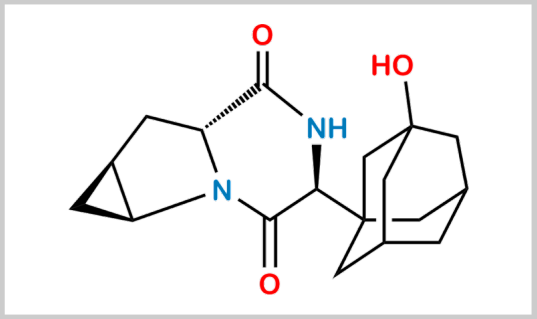
Alt. Name : Saxagliptin Cyclic Amide

CAT No. : KMS007049

CAS No. : 1350800-77-9

Molecular Formula : C18H24N2O3

Molecular Weight : 316.4



Analytical Information

Batch No. : SAX-DIKET-045-020

Description : Off White Solid

HPLC Purity : 95.84 %

Weight Loss By TGA : 0.43 %

% Potency : 95.43 %

Solubility : ACN : WATER

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 - 0.43(Weight Loss By TGA)] x [95.84(HPLC Purity)]/100 = 95.43 %
-Re-tested on 08.04.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/04/2026
Reviewed & Approved By	Quality Control	Parag Vekariya		10/04/2026

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