

CERTIFICATE OF ANALYSIS

(Certificate No. KMG042011-01)

Release Date: 17/08/2026

Re-test Date: 16/08/2029

GLICLAZIDE IMPURITY F

Identification

Chemical Name :

1-(Hexahydrocyclopenta[c]pyrrol-2(1H)-yl)-3-[(2-methylphenyl)sulfonyl]urea

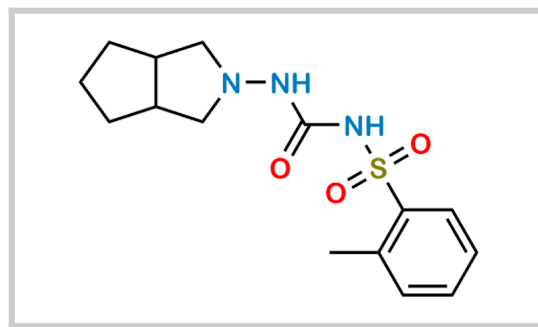
Alt. Name : Gliclazide BP Impurity F ; Gliclazide ortho-Analog

CAT No. : KMG042011

CAS No. : 1076198-18-9

Molecular Formula : C₁₅H₂₁N₃O₃S

Molecular Weight : 323.4



Analytical Information

Batch No. : G042011-136-144

Description : White Solid

HPLC Purity : 99.66 %

Weight Loss By TGA : 0.18 %

% Potency : 99.48 %

Solubility : ACN : Water (1:1)

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 - 0.18(Weight Loss By TGA)] x [99.66(HPLC Purity)]/100 = 99.48 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		17/08/2026

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