

CERTIFICATE OF ANALYSIS

(Certificate No. KMB003003-01)

Release Date: 29/09/2025

Re-test Date: 28/09/2028

S,R,R-THIOMORPHOLINE DERIVATIVE IMPURITY

Identification

Chemical Name :

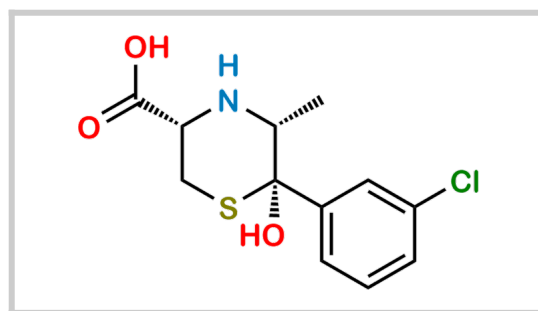
(3S,5R,6R)-6-(3-Chlorophenyl)-6-hydroxy-5-methylthiomorpholine-3-carboxylic acid

CAT No. : KMB003003

CAS No. : 2133460-43-0

Molecular Formula : C₁₂H₁₄ClNO₃S

Molecular Weight : 287.8



Analytical Information

Batch No. : B003003-102-306

Description : Off White Solid

HPLC Purity : 94.08 %

Weight Loss By TGA : 1.70 %

% Potency : 92.48 %

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 - 1.70(Weight Loss By TGA)] x [94.08(HPLC Purity)]/100 = 92.48 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/09/2025

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