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

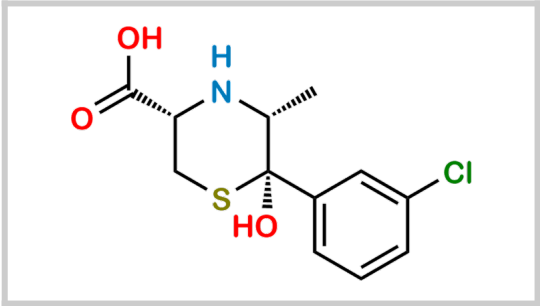
Chemical Name :
(3S,5R,6R)-6-(3-Chlorophenyl)-6-hydroxy-5-methylthiomorpholine-3-carboxylic acid

CAT No. : KMB003003

CAS No. : 2133460-43-0

Molecular Formula : C12H14ClNO3S

Molecular Weight : 287.8



Analytical Information

Batch No.	: B003003-102-306	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 94.08 %	**IR**	: Confirm
Weight Loss By TGA	: 1.70 %	**1H NMR**	: Confirm
% Potency	: 92.48 %		

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