CERTIFICATE OF ANALYSIS

(Certificate No. KMT097001-01)

Release Date: 24/07/2025 **Re-test Date:** 23/07/2028

Thiocolchicoside

Identification

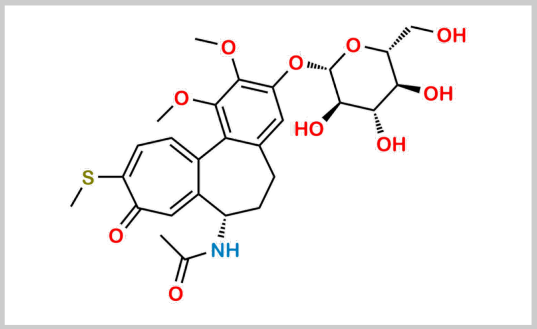
Chemical Name :
N-[(7S)-3-(β-D-Glucopyranosyloxy)-5,6,7,9-tetrahydro-1,2-dimethoxy-10-(methylthio)-9-oxobenzo[a]heptalen-7-yl]acetamide; (S)-N-[3-(β-D-Glucopyranosyloxy)-5,6,7,9-tetrahydro-1,2-dimethoxy-10-(methylthio)-9-oxobenzo[a]heptalen-7-yl]acetamide

CAT No. : KMT097001

CAS No. : 602-41-5

Molecular Formula : C27H33NO10S

Molecular Weight : 563.6



Analytical Information

Batch No. : T097001-102-148

Description : Yellow Solid

HPLC Purity : 99.72 %

Weight Loss By TGA : 2.71 %

% Potency : 97.02 %

Solubility : ACN : WATER (1:1)

Mass : Confirm

IR : Confirm

1H NMR : Confirm

13C 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 - 2.71(Weight Loss By TGA)] x [99.72(HPLC Purity)]/100 = 97.02 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/07/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA