CERTIFICATE OF ANALYSIS

(Certificate No. KMF014002-01)

Release Date: 15/10/2026 **Re-test Date:** 14/10/2029

Famotidine

Identification

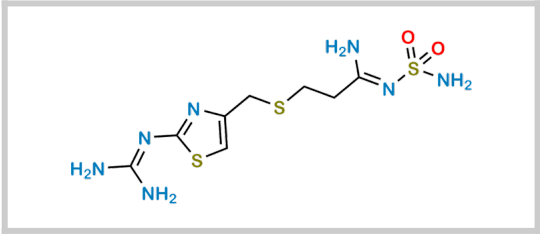
Chemical Name :
(Z)-3-(((2-((Diaminomethylene)amino)thiazol-4-yl)methyl)thio)-N'-sulfamoylpropanimidamide

CAT No. : KMF014002

CAS No. : 76824-35-6

Molecular Formula : C8H15N7O2S3

Molecular Weight : 337.4



Analytical Information

Batch No.	: F014002-136-273	**Solubility**	: Acetonitrile
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 99.18 %	**IR**	: Confirm
Weight Loss By TGA	: 0.06 %	**1H NMR**	: Confirm
% Potency	: 99.12 %	**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 - 0.06(Weight Loss By TGA)] x [99.18(HPLC Purity)]/100 = 99.12 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		15/10/2026

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