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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Feb 2028

Product Name: Famotidine EP Impurity D

Identification:

Chemical Name: 3-(((2-((Diaminomethylene)amino)thiazol-4-yl)methyl)thio)propanamide

Synonyms : Famotidine USP Related
Compound D ; Famotidine
Degradation Impurity 2

CAS Number : 76824-16-3

CAT Number : CP-F9004

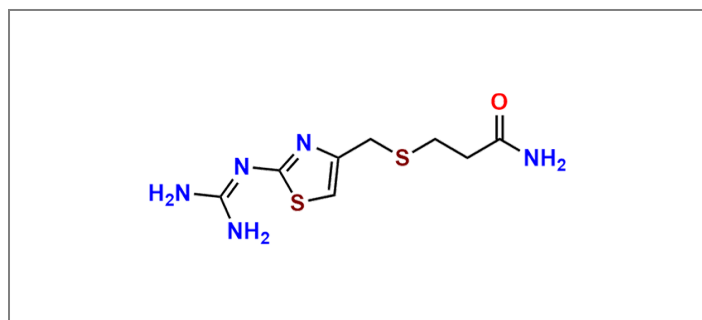
Molecular Formula : C₈H₁₃N₅O₂S

Molecular Weight : 259.3

Batch Number : FAM-D

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off-White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	93.43 %
5)	H1NMR	Confirm to structure



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By



Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.