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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Famotidine EP Impurity F

Identification:

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

Synonyms : Famotidine USP Related
Compound F ; Famotidine
Degradation Impurity 1 ;
Famotidine propionic acid

CAS Number : 107880-74-0

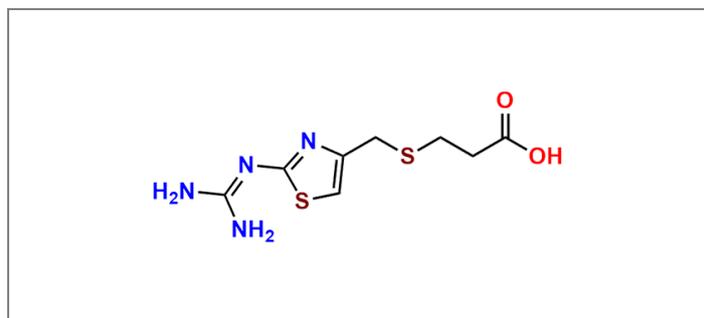
CAT Number : CP-F9006

Molecular Formula : C₈H₁₂N₄O₂S₂

Molecular Weight : 260.33

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	Solid
2)	Solubility	Soluble 0.01 ml TFA in 10 ml water
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

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