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CERTIFICATE OF ANALYSIS

Analysis Date: May 2022

Re-test Date: Apr 2025

Product Name: Famotidine EP Impurity G

Identification:

Chemical Name: N-Cyano-3-(((2-guanidinothiazol-4-yl)methyl)thio)propanimidamide

Synonyms : Famotidine cyanoamidine

CAS Number : 76823-97-7

CAT Number : CP-F9007

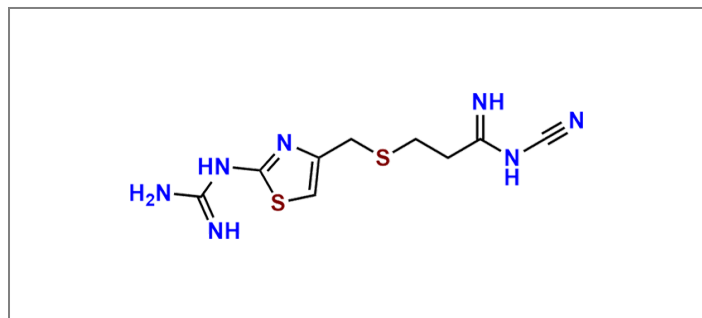
Molecular Formula : C₉H₁₃N₇S₂

Molecular Weight : 283.37

Batch Number : FMD-IMP-G-82

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	95.19%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.