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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

Product Name: Famotidine EP Impurity E

Identification:

Chemical Name: 2,2'-((Disulfanediy)bis(methylene))bis(thiazole-4,2-diyl)diguandine

Synonyms : Famotidine USP Related
Compound E

CAS Number : 129083-44-9

CAT Number : CP-F9005

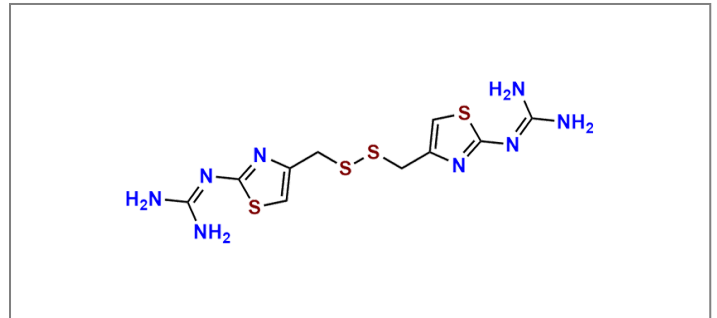
Molecular Formula : C₁₀H₁₄N₈S₄

Molecular Weight : 374.52

Batch Number : CP-FAM-E-0225

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)	Solubility	Slightly Soluble in Methanol/DMSO
2)	MASS By LCMS	Confirm to structure
3)	Purity By HPLC	94.15 %
4)	H1NMR	Confirm to structure
5)	13CNMR	Confirm to Structure
6)	IR	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.