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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Famotidine EP Impurity A**

### Identification:

Chemical Name: 3-[[[2-[(diaminomethylidene)amino]thiazol-4-yl]methyl]sulfanyl]propanimidamide

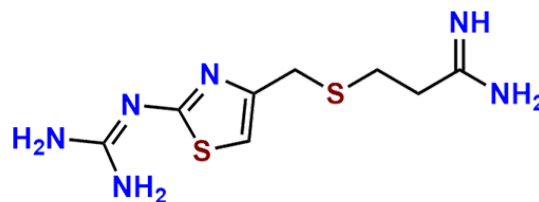
Synonyms : Famotidine amidine

CAS Number : 124646-10-2

CAT Number : CP-F9001

Molecular Formula : C<sub>8</sub>H<sub>14</sub>N<sub>6</sub>S<sub>2</sub>

Molecular Weight : 258.37



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure
6)	IR	Confirm to structure

### Prepared and Reviewed By

### Approved By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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