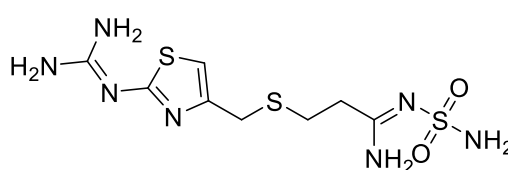




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
317862	Famotidine	C20B04B24

Chemical name	
(Z)-3-(((2-((diaminomethylene)amino)thiazol-4-yl)methyl)thio)-N'-sulfamoylpropanimidamide	
Synonyms	
Famotidine, Famotidine Hydrochloride, MK-208, Pepcid, YM-11170, YM11170, YM 11170, MK 208, MK208	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 317862 Name: Famotidine CAS#: 76824-35-6 Lot#: C20B04B24 Chemical Formula: C ₈ H ₁₅ N ₇ O ₂ S ₃ Exact Mass: 337.0449 Molecular Weight: 337.45

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE