

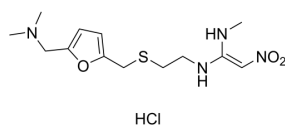
## Ranitidine (hydrochloride)

Cat. No.: HY-B0281A  
 CAS No.: 66357-59-3  
 Batch No.: 16550  
 Chemical Name: 1,1-Ethenediamine, N'-[2-[[[5-[(dimethylamino)methyl]-2-furanyl)methyl]thio]ethyl]-N-methyl-2-nitro-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{13}H_{23}ClN_4O_3S$   
 Molecular Weight: 350.86  
 Storage: 4°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: Off-white to yellow (Solid)  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.88%  
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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