

## 1. Identification

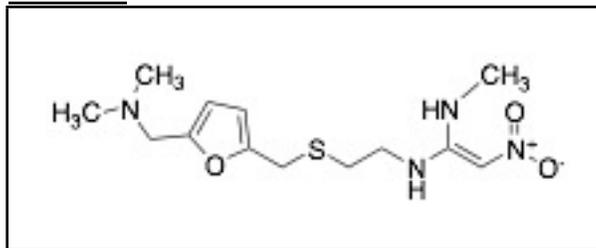
Catalogue Number

R120023

Lot Number

711983467-1-1

Structure



Product Name

Ranitidine

Synonyms

CAS Number

66357-35-5

Solubility

Acetonitrile (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>13</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub>S

Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

314.4

Purity

>95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests

Specifications

Results

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Off-White to Brown Sticky Solid to Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 49.96, %H: 7.04, %N: 17.83
HPLC Purity	>95%	100.00% (315 nm)
MS	Conforms to Structure	Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
R. Swathi			4/9/2024	4/7/2028
swathi reddy	Toni Rantanen	Christina Gouliaras		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		