

1. Identification

Catalogue Number

P296900

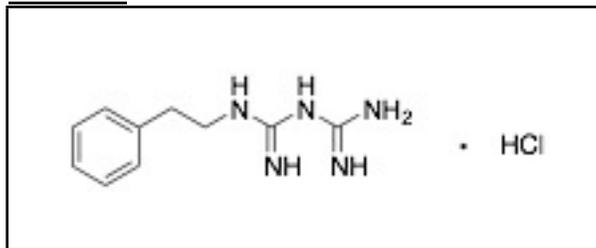
Lot Number

5-XJZ-125-1

Product Name

Phenformin Hydrochloride

Structure



Synonyms

N-(2-Phenylethyl)imidodicarbonimidic Diamide Hydrochloride; 1-Phenethylbiguanide Hydrochloride; Insofar;

CAS Number

834-28-6

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₁₆ClN₅

Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

241.72

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Specifications

Results

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 49.41, %H: 6.56, %N: 28.67
HPLC Purity	>95%	99.64% (235 nm)
MS	Conforms to Structure	Conforms
Chloride Content	Report Result	14.6%

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



Henry Tieu
Product Quality Specialist

Reviewed by



Toni Rantanen
Manager, Quality Assurance

C of A Approved by



Chanell Chu
Jr. Quality Assurance

Test Date

6/30/2021

Retest Date

6/28/2031