

## 1. Identification

### Catalogue Number

P320670

### Lot Number

7-KMT-18-2

### Product Name

Phenylephrine Hydrochloride

### Synonyms

1-(3-Hydroxyphenyl)-2-(methylamino)ethanone Hydrochloride; 3'-Hydroxy-2-methylaminoacetophenone Hydrochloride; Phenylephrine Imp. C (EP) Hydrochloride; Phenylephrine EP Impurity C;

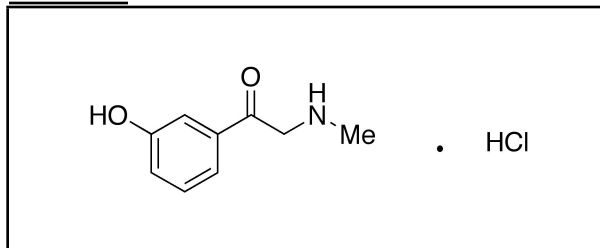
### CAS Number

94240-17-2

### Solubility

DMSO (Slightly), Methanol (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>9</sub>H<sub>12</sub>ClNO<sub>2</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C, Inert atmosphere

### Molecular Weight

201.65

### Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

### Tests

Appearance

### Specifications

Off-White to Beige Solid

### Results

Off-White to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 52.88, %H: 5.95, %N: 6.29

HPLC Purity

>95%

98.75% (220 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  $\pm 2\%$ . 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

R. Sathya

swathi reddy

Product Quality Specialist

### Reviewed by

Toni Rantanen

Manager, Quality Assurance

### C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

### Test Date

6/27/2023

### Retest Date

6/25/2027