

**1. Identification**Catalogue Number

D443595

Lot Number

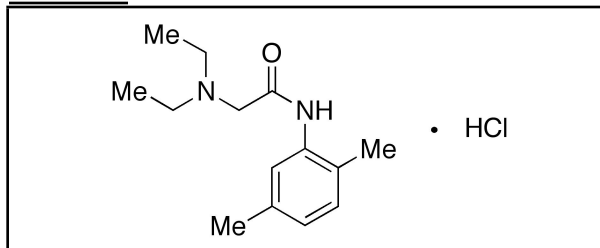
1-KMW-126-9

Product Name

2-(Diethylamino)-N-(2,5-dimethylphenyl)acetamide Hydrochloride

Synonyms

USP Lidocaine impurity J

StructureCAS Number

1012864-23-1

Solubility

Chloroform (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{14}H_{23}ClN_2O$ Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

270.8

Purity

95%

2. Warnings**3. Analytical Information**Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

95.61% (200 nm)

MS

Conforms to Structure

Conforms

Chloride Content

Report Result

12.7%

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. SignaturesReviewed by

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/11/2023

Retest Date

7/9/2027