

**Product Name:** 1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide hydrochloride, 98+%, Thermo Scientific Chemicals

**Catalog Number:** A10807.14

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**CAS Number:** 25952-53-8

**IUPAC Name:** ({[3-(dimethylamino)propyl]imino}methylidene)(ethyl)amine hydrochloride

**Molecular Formula:** C<sub>8</sub>H<sub>18</sub>ClN<sub>3</sub>

**Molecular Weight:** 191.70

**MDL Number:** MFCD00012503

**InChI Key:** FPQQSJWWHUJYPU-UHFFFAOYSA-N

**SMILES:** Cl.CCN=C=NCCCN(C)C

**Synonym:** ({[3-(dimethylamino)propyl]imino}methylidene)(ethyl)amine hydrochloride

## Product Specification

**Appearance (Color):** White

**Form:** Crystals or powder or crystalline powder

**Assay from Supplier's CofA:** ≥98.0%

**Assay (Titration ex Chloride):** ≥98.0 to ≤102.0% (non-U.S. sourced material)

**Comment:** Material sourced in the U.S. and in other countries

**Melting Point (clear melt):** 109.5-115.5°C

**Identification (FTIR):** Conforms

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**Date Of Print:** 11/21/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*