

**Product Name:** N1,N11-Diethylnorspermine tetrahydrochloride  
**Catalog Number:** BCC6654  
**Batch Number:** KLKH12b01

## 1. PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>13</sub>H<sub>36</sub>Cl<sub>4</sub>N<sub>4</sub>  
**Molecular Weight:** 390.27  
**Purity:** >98%  
**Cas Number:** 156886-85-0

## 2. ANALYTICAL DATA

**HPLC:** Shows >98% purity  
**NMR:** Consistent with structure

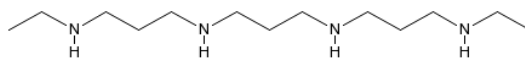
## 3. CHEMICAL STRUCTURE

Cl—H

Cl—H

Cl—H

Cl—H



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## 4. USAGE GUIDE

**Storage:** Store the product in sealed, cool and dry condition.  
**General tips:** For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while.

**Authorized Signature:**

**Date:**