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**Product Name:** N1,N12-Diethylspermine tetrahydrochloride  
**Catalog Number:** BCC6669  
**Batch Number:** KLKH12b01

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### 1. PHYSICAL AND CHEMICAL PROPERTIES

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**Molecular Formula:** C<sub>14</sub>H<sub>38</sub>Cl<sub>4</sub>N<sub>4</sub>  
**Molecular Weight:** 404.29  
**Purity:** >98%  
**Cas Number:** 113812-15-0

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### 2. ANALYTICAL DATA

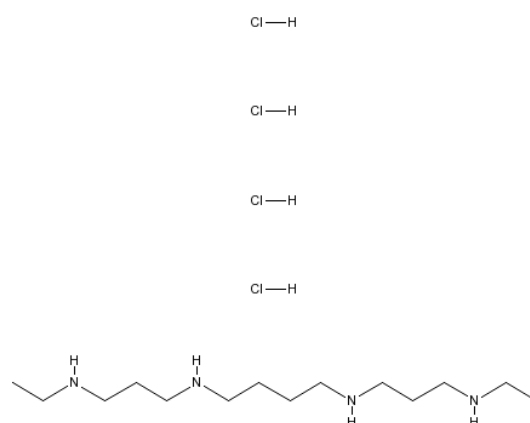
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**HPLC:** Shows >98% purity  
**NMR:** Consistent with structure

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### 3. CHEMICAL STRUCTURE

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### 4. USAGE GUIDE

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**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.

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**Authorized Signature:**

**Date:**