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## Product Specification

Product Name:  
16-Amino-1-hexadecanethiol hydrochloride - 96%

Product Number: **745782**  
CAS Number: 1263190-70-0

 $\text{HSCH}_2(\text{CH}_2)_{14}\text{CH}_2\text{NH}_2 \cdot \text{HCl}$ 

Formula:  $\text{C}_{16}\text{H}_{35}\text{NS} \cdot \text{HCl}$   
Formula Weight: 309.98 g/mol  
Storage Temperature: 2 - 8 °C

| TEST | Specification |
|------|---------------|
|------|---------------|

|                                  |   |
|----------------------------------|---|
| Appearance (Color)               | White to Faint Yellow and Faint Beige and Faint Brown |
| Appearance (Form)                | Powder or Crystal or Chunk(s)                         |
| Proton NMR Spectrum              | Conforms to Structure                                 |
| Titration with AgNO <sub>3</sub> | 95.5 - 104.5 %  |

Specification: PRD.0.ZQ5.10000047789

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.