

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	33466
<b>Product</b>	<b>Spermine(N<sub>3</sub>HHH)•3HCl</b>  N <sup>1</sup> -(3-Aminopropyl)-N <sup>4</sup> -(3-azidopropyl)butane-1,4-diamine trihydrochloride  1-Azido-4,9,13-triazatridecane trihydrochloride
<b>CAS Number</b>	1190203-77-0 (net)
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>24</sub> N <sub>6</sub> •3HCl

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<b>Appearance</b>	White to off-white crystalline powder
<b>Melting Point</b>	210 - 218 °C
<b>Assay by titration</b>	95.0 - 100.5%
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**