

## Spermidine (hydrochloride)

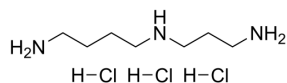
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Cat. No.: HY-B1776A  
CAS No.: 334-50-9  
Batch No.: 85556  
Chemical Name: 1,4-Butanediamine, N1-(3-aminopropyl)-, hydrochloride (1:3)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_7H_{22}Cl_3N_3$   
Molecular Weight: 254.63  
Storage: 4°C, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR): ≥98.0%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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