

## MDL 72527 (dihydrochloride)

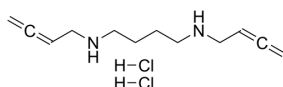
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Cat. No.: HY-100621  
CAS No.: 93565-01-6  
Batch No.: 364198  
Chemical Name: 1,4-Butanediamine, N1,N4-di-2,3-butadien-1-yl-, hydrochloride (1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>12</sub>H<sub>22</sub>Cl<sub>2</sub>N<sub>2</sub>  
Molecular Weight: 265.22  
Storage: 4°C, sealed storage, away from moisture and light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light brown to brown (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: 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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