

## Carmustine

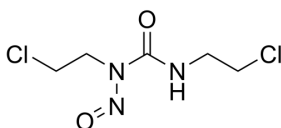
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Cat. No.: HY-13585  
CAS No.: 154-93-8  
Batch No.: 19433  
Chemical Name: Urea, N,N'-bis(2-chloroethyl)-N-nitroso-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>5</sub>H<sub>9</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>  
Molecular Weight: 214.05  
Storage: -20°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to yellow (<30°C Solid,>30°C Liquid )  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.85%  
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA