Certificate of Analysis

Semustine

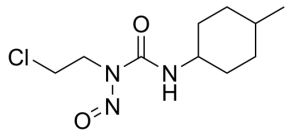
Cat. No.:	HY-13747
CAS No.:	13909-09-6
Batch No.:	264164
Chemical Name:	Urea, N-(2-chloroethyl)-N'-(4-methylcyclohexyl)-N-nitroso-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{10}H_{18}ClN_3O_2$		
Molecular Weight:	**247.72**		
Storage:	Powder	-20°C	3 years
		4°C	2 years

* The compound is unstable in solutions, freshly prepared is recommended.

Chemical Structure:



ANALYTICAL DATA

Appearance:	Light yellow to yellow (Solid)
^{1}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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