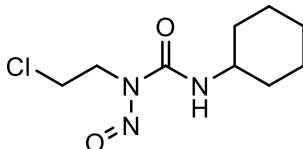




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100550	Lomustine	C9R08B14

Chemical name	
1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea	
Synonyms	
Lomustinum. CeeNU; Belustin; Belustine; Cecenu; Citostal; Lomeblastin; Lucostin; Lucostine; Prava. CCNU. Acronym: CCNU. RB1509; WR139017	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100550 Name: Lomustine CAS#: 13010-47-4 Lot#: C9R08B14 Chemical Formula: C ₉ H ₁₆ ClN ₃ O ₂ Exact Mass: 233.0931 Molecular Weight: 233.70

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE