



Product Information

Product ID L5648

CAS No. 13010-47-4

Chemical Name N-(2-Chloroethyl)-N'-cyclohexyl-N-nitroso-urea

Synonym Belustine, Cecenu' CeeNU, CiNU

Formula C₉H₁₆ClN₃O₂

Formula Wt. 233.70

Melting Point 90°C

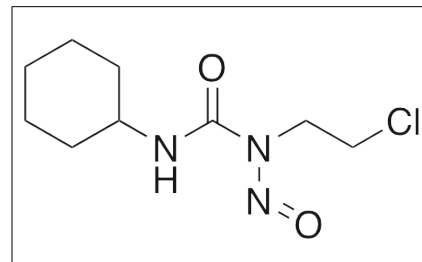
Purity ≥98%

Solubility Soluble in ethanol (45 mg/mL), chloroform, acetone, DMSO (45 mg/mL).

Store Temp 4°C

Ship Temp Ambient

Description Lomustine is a nitroso-urea alkylator that exhibits anticancer chemotherapeutic activity. Lomustine is clinically used to treat various forms of cancer and is one component of the "PCV" regimen.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
L5648	50 mg	\$49.70
L5648	100 mg	\$88.20
L5648	500 mg	\$374.60

References Buccheri G, Ferrigno D, Rosso A. A phase II study of methotrexate, doxorubicin, cyclophosphamide, and lomustine chemotherapy and lonidamine in advanced non-small cell lung cancer. *Cancer*. 1993 Sep 1;72(5):1564-72. PMID: 8394198.

Kamiya S. Synthesis of antitumor nitroso-urea derivatives and chemical studies of their mechanism of action. *Eisei Shikenjo Hokoku*. 1986;(104):1-19. PMID: 3471287.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.