



LKT Laboratories, Inc.

Lomustine

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## Product Information

**Product ID** L5648

**CAS No.** 13010-47-4

**Chemical Name** N-(2-Chloroethyl)-N'-cyclohexyl-N-nitrosourea

**Synonym** Belustine, Cecenu' CeeNU, CiNU

**Formula** C<sub>9</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>2</sub>

**Formula Wt.** 233.70

**Melting Point** 90° C

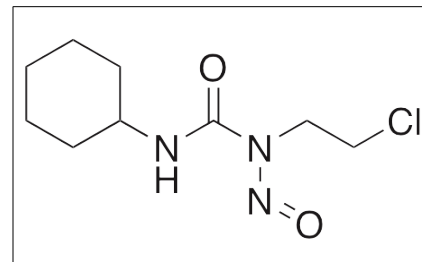
**Purity** ≥98%

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

**Store Temp** 4° C

**Ship Temp** Ambient

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



**Bulk quantities available upon request**

Product ID	Size
L5648	50 mg
L5648	100 mg
L5648	500 mg

**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 nitrosourea 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.