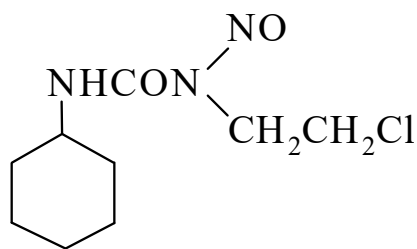




>>Entry Name: Lomustine, BAN, INN, USAN

Synonym(s): *N*-(2-Chloroethyl)-*N'*-cyclohexyl-*N*-nitrosourea, 9Cl. 1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea, 8Cl. Belustim. Belustine. Cecenu. Citostal. Lomeblastin. Lucostine. NSC 79037. RB 1509. CCNU



CAS Registry Number: 13010-47-4

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

Molecular Weight: 233.697

Accurate Mass: 233.093104

Percentage Composition: C 46.26%; H 6.90%; Cl 15.17%; N 17.98%; O 13.69%

Use/Importance: Antineoplastic agent. Used in combination therapies to treat gliomas

Physical Description: Yellow powder

Melting Point: Mp 90°

Calculated Log P Data: Log P 2.75 (calc)

Hazard & Toxicity: Adverse haemopoietic effects when used therapeutically. Probable human carcinogen. LD<sub>50</sub> (rat, orl) 70 mg/kg. Exp. carcinogen. Exp. reprod. and teratogenic effects

Sigma: C4668

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