CD BioGlyco
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Product Information

DNA alkylator inhibitor, Carmustine, Purity ≥98%

Cat. No.: X24-08-YM150

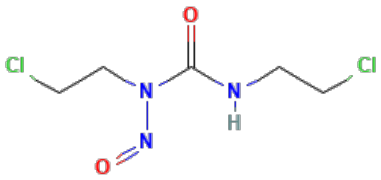
Size: 10 mg; 20 mg; 50 mg; 100 mg

MDL: MFCD00057706

CAS Number: 154-93-8

Compound CID: 2578

Synonym: 154-93-8; NCI-C04773; Nitrumon; NSC 409962; NSC-409962; SK 27702; SRI 1720; DTI 015; FDA 0345; BCNU Becenum; Bi CNU; BiCNU; Carmustine; 1,3-Bis(2-chloroethyl)-1-nitrosourea



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Carmustine is an effective DNA damage inhibitor, that has the ability to prevent the pathway of DNA damage by inhibiting DNA alkylator.
Molecular Weight	214.046
Molecular Formula	$C_5H_9Cl_2N_3O_2$
IUPAC Name	1,3-Bis(2-chloroethyl)-1-nitrosourea
InChI	InChI=1S/C5H9Cl2N3O2/c6-1-3-8-5(11)10(9-12)4-2-7/h1-4H2,(H,8,11)
InChI Key	DLGOEMSEDOSKAD-UHFFFAOYSA-N
Canonical SMILES	C(CCl)NC(=O)N(CCCl)N=O
Form	Lyophilized powder
Purity	≥98%
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Carmustine is a DNA damage inhibitor that can be studied extensively for its potential therapeutic applications in the treatment of various cancers, including brain tumors, multiple myeloma, and lymphoma.
Storage	Store at -20ºC, and keep desiccated.