



## Product Information

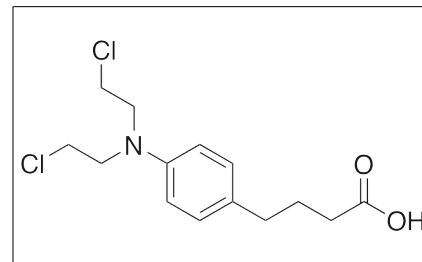
**Product ID** C2946  
**CAS No.** 305-03-3  
**Chemical Name** 4-[Bis(2-chloroethyl)amino]benzenebutanoic acid

**Synonym** Amboclorin, Leukeran

**Formula** C<sub>14</sub>H<sub>19</sub>Cl<sub>2</sub>NO<sub>2</sub>  
**Formula Wt.** 304.21  
**Melting Point** 64-66 °C  
**Purity** ≥98%  
**Solubility** Soluble in alcohol,  
chloroform or acetone (500  
mg/mL). Insoluble in water.

**Store Temp** 4 °C  
**Ship Temp** Ambient

**Description** Chlorambucil is a nitrogen mustard anticancer chemotherapeutic that acts as an alkylating agent. Chlorambucil is clinically used to treat chronic lymphocytic leukemia (CLL).



**Bulk quantities available upon request**

Product ID	Size
C2946	100 mg
C2946	500 mg
C2946	1 g
C2946	10 g

**References** Begleiter A, Mowat M, Israels LG, et al. Chlorambucil in chronic lymphocytic leukemia: mechanism of action. *Leuk Lymphoma*. 1996 Oct;23(3-4):187-201. PMID: 9031099.

Kundu GC, Schullek JR, Wilson IB. The alkylating properties of chlorambucil. *Pharmacol Biochem Behav*. 1994 Nov;49(3):621-4. PMID: 7862715.

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