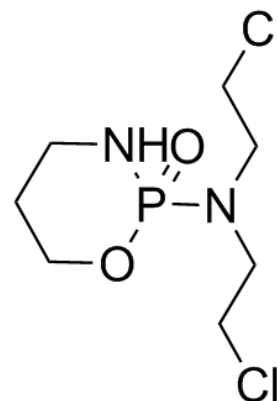


**Product Name** : Cyclophosphamide  
**Cat. No.** : PC-45241  
**CAS No.** : 50-18-0  
**Molecular Formula** :  $C_7H_{15}Cl_2N_2O_2P$   
**Molecular Weight** : 261.086  
**Target** : DNA Alkylator/Crosslinker  
**Solubility** : DMSO:  $\geq 38$  mg/mL

1. Schwartz PS, et al. *Mol Pharmacol*. 2001 Dec;60(6):1268-1279.  
2. Harris RN, et al. *Cancer Chemother Pharmacol*. 1984;12(3):167-72.



### Biological Activity

Cyclophosphamide is a synthetic **DNA alkylating agent** chemically related to the nitrogen mustards with antineoplastic and immunosuppressive activities.

Cyclophosphamide is used to treat cancers and autoimmune diseases.

### References

