

## Product Information

**Product ID** I2056

**CAS No.** 3778-73-2

**Chemical Name** N, 3-Bis(2-chloroethyl)-tetrahydro-2H-1,3,2-oxaza- phosphorin-2-amine 2-oxide

**Synonym** Holoxan, Ifex, Ifomide, Isoendoxan, Isophosphamide, Mitoxana

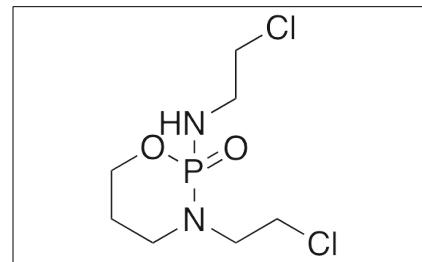
**Formula** C<sub>7</sub>H<sub>15</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>P

**Formula Wt.** 261.09

**Melting Point** 39-41 °C, 51.0 °C

**Purity** ≥98%

**Solubility** Soluble in water.



**Bulk quantities available upon request**

Product ID	Size
I2056	25 mg
I2056	50 mg
I2056	250 mg
I2056	1 g

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Ifosfamide is a nitrogen mustard alkylator that exhibits anticancer chemotherapeutic activity. Ifosfamide is clinically used to treat various cancers. Because ifosfamide is very cytotoxic, it is often co-administered with cytoprotective agents such as MESNA.

**References** Vincenzi B, Frezza AM, Santini D, et al. New therapies in soft tissue sarcoma. Expert Opin Emerg Drugs. 2010 Jun;15(2):237-48. PMID: 20465449.

Nissim I, Horyn O, Daikhin Y, et al. Ifosfamide-induced nephrotoxicity: mechanism and prevention. Cancer Res. 2006 Aug 1;66(15):7824-31. PMID: 16885387.

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