

Cyclophosphamide monohydrate

Catalog No: #S0707

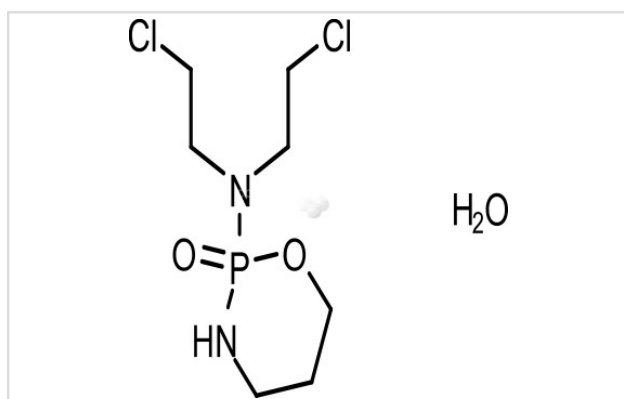
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Description

Product Name	Cyclophosphamide monohydrate
Brief Description	Inhibitors
Purification	99.99%
Target Name	DNA Alkylation inducer; MRP inhibitor
Calculated MW	279.1
Formulation	C7H17Cl2N2O2PH2O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cancer
 SMILES: O.C1CCN(CCC1)P(=O)(N)CCCO
 Pathways: DNA Damage/DNA Repair; Immunology/Inflammation
 Receptor: DNA; MRP1
 Boiling pt: 336.1°C
 Melting pt: 49-51°C
 Solubility: Water: 7 mg/mL (25.08 mM); DMSO: 55 mg/mL (197.06 mM)
 Appearance: White Crystal
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Ketolainen J, et al. Pharm Res. 1995 Feb;12(2):299-304.

Note: This product is for in vitro research use only