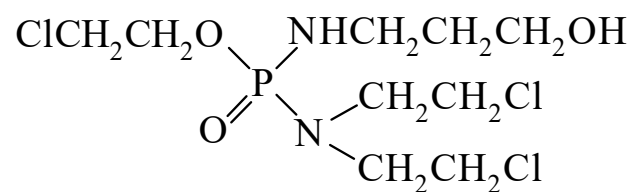




>>Entry Name: Defosfamide, INN

Synonym(s): 2-Chloroethyl *N,N*-bis(2-chloroethyl)-*N'*-(3-hydroxypropyl)phosphorodiamidate. Desmofosfamide. Mitarson. B 612-Asta



CAS Registry Number: 3733-81-1

Molecular Formula: C₉H₂₀Cl₃N₂O₃P

Molecular Weight: 341.6

Accurate Mass: 340.027711

Percentage Composition: C 31.64%; H 5.90%; Cl 31.14%; N 8.20%; O 14.05%; P 9.07%

Use/Importance: Antineoplastic agent

Physical Description: Oily liq.

Development Status: No longer marketed

Solubility: Insol. H₂O

Calculated Log P Data: Log P 0.39 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (rat, ipr) 440 mg/kg

References:

Ger. Pat., 1959, *Asta-Werke*, 1 061 780; *CA*, **55**, 11302i, (*synth, pharmacol*)

Arnold, H. *et al.*, *Arzneim.-Forsch.*, 1961, **11**, 143, (*pharmacol*)