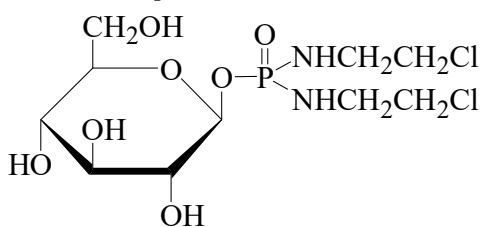




>>Entry Name: Glufosfamide, INN

Synonym(s): Glucopyranose 1-[N,N'-bis(2-chloroethyl)phosphorodiamidate]. D 19575



Molecular Formula: C₁₀H₂₁Cl₂N₂O₇P

Molecular Weight: 383.164

Accurate Mass: 382.046344

Percentage Composition: C 31.35%; H 5.52%; Cl 18.51%; N 7.31%; O 29.23%; P 8.08%

Biological Use/Importance: Antineoplastic agent

Other Data: Glucose deriv. of Ifosfamide [GGL76-F](#)

>>Variant: β-D-form

CAS Registry Number: 132682-98-5

Molecular Formula: C₁₀H₂₁Cl₂N₂O₇P

Molecular Weight: 383.164

Accurate Mass: 382.046344

Percentage Composition: C 31.35%; H 5.52%; Cl 18.51%; N 7.31%; O 29.23%; P 8.08%

Physical Description: No. phys. props. reported

References:

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Pohl, J. *et al.*, *Cancer Chemother. Pharmacol.*, 1995, **35**, 364-370; 1996, **38**, 355-365, (*pharmacol*)
Kutz, M.E. *et al.*, *Cancer Chemother. Pharmacol.*, 1997, **40**, 167-171, (*pharmacol*)
Veyhl, M. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.*, 1998, **95**, 2914-2919, (*pharmacol*)