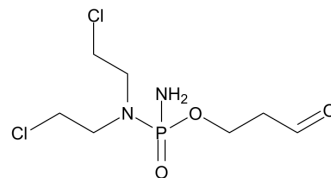


Aldophosphamide

Cat. No.:	HY-114917
CAS No.:	35144-64-0
Molecular Formula:	C ₇ H ₁₅ Cl ₂ N ₂ O ₃ P
Molecular Weight:	277.09
Target:	Endogenous Metabolite; Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Aldophosphamide (NSC 254) is a cyclophosphamide metabolite. Aldophosphamide is cleaved intracellularly to phosphoramidate mustard, an active metabolite with direct cytotoxicity, and acrolein. Aldophosphamide has potential for cancer research^[1].

REFERENCES

[1]. Fenselau C, et al. Identification of aldophosphamide as a metabolite of cyclophosphamide in vitro and in vivo in humans. *Cancer Res.* 1977 Aug;37(8 Pt 1):2538-43.

Caution: Product has not been fully validated for medical applications. For research use only.

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