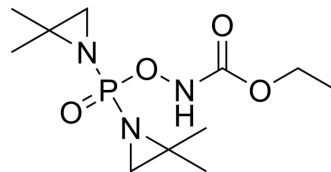


AB182

Cat. No.:	HY-118894
CAS No.:	54805-58-2
Molecular Formula:	C ₁₁ H ₂₂ N ₃ O ₄ P
Molecular Weight:	291.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AB-182 is an aziridine derivative and antitumor agent. AB-182 shows synergistic antitumor effects in conjunction with x-irradiation. Intermediate hydrolysis products of AB-182 may block the repair of x-irradiation-induced breaks in the DNA strands by phosphorylating their free 3'-OH end groups.

REFERENCES

- [1]. Bardos TJ, Dunn JA, Perlman ME. Chemical mechanism of the radiation potentiating effects of 2,2-dimethylaziridine-type antitumor agents. *Int J Radiat Oncol Biol Phys.* 1979;5(9):1653-1656.
- [2]. Wodinsky I, Clement J, Swiniarski J, Skura A. Combined therapy with an aziridine derivative NSC 200724 (AB182) and radiation on an experimental leukemia. *Int J Radiat Oncol Biol Phys.* 1979;5(9):1677-1680.

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

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