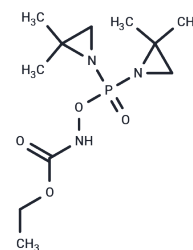


AB-182

Chemical Properties

CAS No. : 54805-58-2
 Formula: C₁₁H₂₂N₃O₄P
 Molecular Weight: 291.28
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	AB-182 is an aziridine derivative with antitumor activity.
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4331 mL	17.1656 mL	34.3312 mL
5 mM	0.6866 mL	3.4331 mL	6.8662 mL
10 mM	0.3433 mL	1.7166 mL	3.4331 mL
50 mM	0.0687 mL	0.3433 mL	0.6866 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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 Sep;5(9):1653-6. PubMed PMID: 536272.

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 Sep;5(9):1677-80. PubMed PMID: 536276.

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