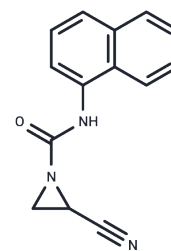


AMP423

Chemical Properties

CAS No. : 219501-57-2
 Formula: C₁₄H₁₁N₃O
 Molecular Weight: 237.26
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	AMP423 is a naphthyl derivative of 2-cyanoaziridine-1-carboxamide with structural similarity to the pro-oxidant anti-tumor agent imexon. AMP423 was active in SCID mice bearing 8226/S myeloma and SU-DHL-6 B-cell lymphoma tumors, with a median tumor growth delay (T-C) of 21 days (P = 0.0002) and 5 days (P = 0.004), respectively, and a median tumor growth inhibition (T/C) of 33.3% (P = 0.03) and 82% (P = 0.01), respectively. In non-tumor-bearing mice, AMP423 was not myelosuppressive.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2148 mL	21.0739 mL	42.1479 mL
5 mM	0.843 mL	4.2148 mL	8.4296 mL
10 mM	0.4215 mL	2.1074 mL	4.2148 mL
50 mM	0.0843 mL	0.4215 mL	0.843 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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