

6-Amino-4-methoxy-2-(β -D-ribofuranosyl)-2H-pyrazolo[3,4-d]pyrimidine

Chemical Properties

CAS No. :

Formula: C₁₁H₁₇N₅O₅

Molecular Weight: 299.28

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	6-Amino-4-methoxy-2-(β -D-ribofuranosyl)-2H-pyrazolo[3,4-d]pyrimidine, a purine nucleoside analogue, exhibits widespread antitumor efficacy, particularly against indolent lymphoid malignancies. Its anticancer mechanisms include the inhibition of DNA synthesis and the induction of apoptosis, among others [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3414 mL	16.7068 mL	33.4135 mL
5 mM	0.6683 mL	3.3414 mL	6.6827 mL
10 mM	0.3341 mL	1.6707 mL	3.3414 mL
50 mM	0.0668 mL	0.3341 mL	0.6683 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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