

6-Amino-3-(furan-2-yl)-4-methoxy-1-(β-D-ribofuranosyl)-1H-pyrazolo[3,4-d]pyrimidine

Chemical Properties

CAS No. :

Formula: C15H17N5O6

Molecular Weight: 363.33

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-3-(furan-2-yl)-4-methoxy-1-(β-D-ribofuranosyl)-1H-pyrazolo[3,4-d]pyrimidine, a purine nucleoside analogue, exhibits broad antitumor activity by targeting indolent lymphoid malignancies, with its anticancer mechanisms including inhibition of DNA synthesis and induction of apoptosis.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7523 mL	13.7616 mL	27.5232 mL
5 mM	0.5505 mL	2.7523 mL	5.5046 mL
10 mM	0.2752 mL	1.3762 mL	2.7523 mL
50 mM	0.055 mL	0.2752 mL	0.5505 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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