

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

Chemical Properties

CAS No. :

Formula: C₁₀H₁₄N₆O₅

Molecular Weight: 298.26

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3528 mL	16.7639 mL	33.5278 mL
5 mM	0.6706 mL	3.3528 mL	6.7056 mL
10 mM	0.3353 mL	1.6764 mL	3.3528 mL
50 mM	0.0671 mL	0.3353 mL	0.6706 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481