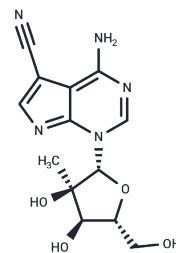


## 4-Amino-1-(2-C-methyl-β-D-ribofuranosyl)-1H-pyrrolo[2,3-d]pyrimidine-5-carbonitrile

## Chemical Properties

CAS No. :	847651-51-8
Formula:	C13H15N5O4
Molecular Weight:	305.29
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	4-Amino-5-cyano-1-(2-β-C-methyl-β-D-ribofuranosyl)-7H-pyrrolo[2.3-d]pyrimidine, a purine nucleoside analogue, exhibits widespread antitumor efficacy, particularly against indolent lymphoid malignancies. Its anticancer properties primarily stem from the inhibition of DNA synthesis and the induction of apoptosis, among other mechanisms [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2756 mL	16.3779 mL	32.7557 mL
5 mM	0.6551 mL	3.2756 mL	6.5511 mL
10 mM	0.3276 mL	1.6378 mL	3.2756 mL
50 mM	0.0655 mL	0.3276 mL	0.6551 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