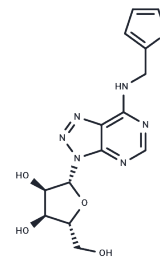


8-Azakinetin riboside

Chemical Properties

CAS No. :	2347524-00-7
Formula:	C ₁₄ H ₁₆ N ₆ O ₅
Molecular Weight:	348.31
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	8-Azakinetin riboside, a structural analog of kinetin riboside, exhibits cytotoxic activity [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others
In vitro	Azakinetin riboside (compound 7) demonstrates cytotoxic activity against HeLaWT, MCF7, Caco-2, OVCAR-3, MIAPaCa-2, and MRC-5 cells at concentrations ranging from 0-100 µM over 24, 48, and 72 hours. The IC50 values are more than 100, 27, 25, more than 100, more than 100, 100 µM at 24 hours; 14.5, 4.3, 18.7, 76, 2.8, 11.7 µM at 48 hours; and 4.6, 3.8, 11.5, 1.1, 1.1, 4.6 µM at 72 hours, respectively.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.871 mL	14.355 mL	28.7101 mL
5 mM	0.5742 mL	2.871 mL	5.742 mL
10 mM	0.2871 mL	1.4355 mL	2.871 mL
50 mM	0.0574 mL	0.2871 mL	0.5742 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