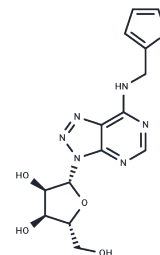


8-Azakinetin riboside

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

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