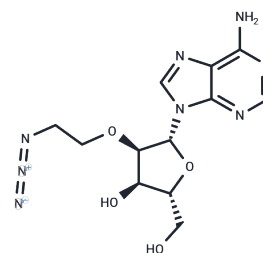


2'-O-(2-Azidoethyl)adenosine

Chemical Properties

CAS No. :	2226475-42-7
Formula:	C ₁₂ H ₁₆ N ₈ O ₄
Molecular Weight:	336.31
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	2'-O-(2-azidoethyl)adenosine is a purine nucleoside analog with potential antitumor activity. The activity of 2'-O-(2-azidoethyl)adenosine was associated with inhibition of DNA synthesis and apoptosis.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9734 mL	14.8672 mL	29.7345 mL
5 mM	0.5947 mL	2.9734 mL	5.9469 mL
10 mM	0.2973 mL	1.4867 mL	2.9734 mL
50 mM	0.0595 mL	0.2973 mL	0.5947 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.

Reference

Robak T, et al. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88.

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