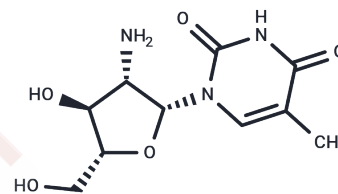


2'-Amino-2'-deoxy-b-D-arabino-5-methyl uridine

Chemical Properties

CAS No. :	135304-48-2
Formula:	C10H15N3O5
Molecular Weight:	257.24
Storage:	Keep away from moisture, 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'-Amino-2'-deoxy-b-D-arabino-5-methyl uridine is a purine nucleoside analog with potential antitumor activity.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8874 mL	19.4371 mL	38.8742 mL
5 mM	0.7775 mL	3.8874 mL	7.7748 mL
10 mM	0.3887 mL	1.9437 mL	3.8874 mL
50 mM	0.0777 mL	0.3887 mL	0.7775 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.

Cavanagh BL, et al. Thymidine analogues for tracking DNA synthesis. *Molecules.* 2011 Sep 15;16(9):7980-93.

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