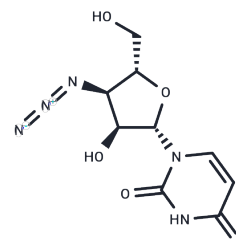


## 3'-Azido-3'-deoxy-beta-L-uridine

## Chemical Properties

CAS No. :	2095417-28-8
Formula:	C <sub>9</sub> H <sub>11</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	269.21
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	3'-Azido-3'-deoxy-beta-L-uridine is a nucleoside derivative.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Solubility Information

Solubility	DMSO: 125 mg/mL (464.32 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (12.26 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7146 mL	18.5729 mL	37.1457 mL
5 mM	0.7429 mL	3.7146 mL	7.4291 mL
10 mM	0.3715 mL	1.8573 mL	3.7146 mL
50 mM	0.0743 mL	0.3715 mL	0.7429 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

Ren Hang, et al. Synthesis of 3'-Azido-D/L-nucleosides. Chinese Journal of Organic Chemistry, 2018, 38(1): 138-147.

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