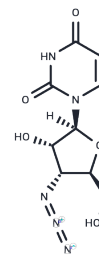


## 3'-Azido-3'-deoxy-beta-L-uridine

### 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                                                       |
| Appearance:       | no data available                                            |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year     |



### Biological Description

|               |                                                              |
|---------------|--------------------------------------------------------------|
| Description   | 3'-Azido-3'-deoxy-beta-L-uridine is a nucleoside derivative. |
| Targets(IC50) | Others                                                       |

### Solubility Information

|            |                                                                                                                            |
|------------|----------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 125 mg/mL (464.32 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|----------------------------------------------------------------------------------------------------------------------------|

### 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.

### 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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