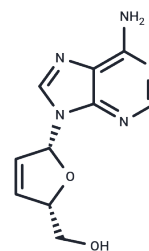


beta-L-D4A

## Chemical Properties

CAS No. : 7057-48-9  
 Formula: C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 233.23  
 Storage: Store at low temperature  
 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   | beta-L-D4A, a nucleoside HIV-1 reverse transcriptase inhibitor, exhibits biological activity by terminating DNA chain synthesis in the 5'-3' direction.                |
| Targets(IC50) | Others,HIV Protease  |
| In vitro      | Beta-L-D4A is a nucleoside HIV-1 reverse transcriptase inhibitor, with biological activity linked to the termination of DNA chain synthesis in the 5'-3' direction[1]. |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.2876 mL | 21.4381 mL | 42.8761 mL |
| 5 mM  | 0.8575 mL | 4.2876 mL  | 8.5752 mL  |
| 10 mM | 0.4288 mL | 2.1438 mL  | 4.2876 mL  |
| 50 mM | 0.0858 mL | 0.4288 mL  | 0.8575 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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