

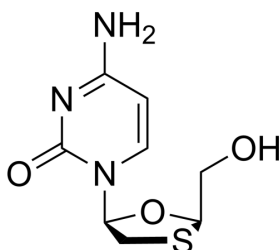
## Lamivudine

Cat. No.: HY-B0250  
 CAS No.: 134678-17-4  
 Batch No.: 179661  
 Chemical Name: 2(1H)-Pyrimidinone, 4-amino-1-[(2R,5S)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_8H_{11}N_3O_3S$   
 Molecular Weight: 229.26  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 2 years  
 -20°C 1 year

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 MS: Consistent with structure  
 Purity (HPLC): 99.85%  
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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