

Kamuvudine-8

Chemical Properties

CAS No. :

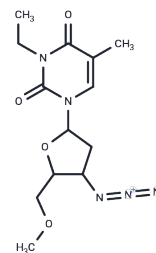
Formula: C₁₃H₁₉N₅O₄

Molecular Weight: 309.32

Keep away from moisture

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 | Kamuvudine-8 (K8) is a zidovudine (AZT) derivative that can be used to study diabetic macular edema. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|-----------|
| 1 mM | 3.2329 mL | 16.1645 mL | 32.329 mL |
| 5 mM | 0.6466 mL | 3.2329 mL | 6.4658 mL |
| 10 mM | 0.3233 mL | 1.6164 mL | 3.2329 mL |
| 50 mM | 0.0647 mL | 0.3233 mL | 0.6466 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

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