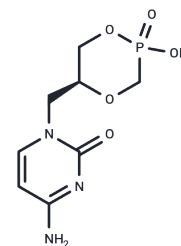


## Cyclic HPMPC

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 127757-45-3   |
| Formula:          | C <sub>8</sub> H <sub>12</sub> N <sub>3</sub> O <sub>5</sub> P  |
| Molecular Weight: | 261.17  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | Cyclic HPMPC is a potent antiviral agent that increases arterial oxygen saturation in mice infected with the lethal vaccinia virus (IHD strain) and reduces viral replication in guinea pigs, thereby improving outcomes in congenital guinea pig cytomegalovirus (GPCMV) infection [1] [2]. |
| Targets(IC50) | Others, Virus Protease   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.8289 mL | 19.1446 mL | 38.2892 mL |
| 5 mM  | 0.7658 mL | 3.8289 mL  | 7.6578 mL  |
| 10 mM | 0.3829 mL | 1.9145 mL  | 3.8289 mL  |
| 50 mM | 0.0766 mL | 0.3829 mL  | 0.7658 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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