

LY 222306

Chemical Properties

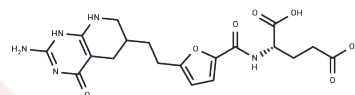
CAS No. : 154446-98-7

Formula: C19H23N5O7

Molecular Weight: 433.42

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 | LY 222306, a glycinamide ribonucleotide formyltransferase (GARFT) inhibitor, has a K_i of 0.77 nM. |
| Targets(IC50) | Antifolate,DHFR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3072 mL | 11.5362 mL | 23.0723 mL |
| 5 mM | 0.4614 mL | 2.3072 mL | 4.6145 mL |
| 10 mM | 0.2307 mL | 1.1536 mL | 2.3072 mL |
| 50 mM | 0.0461 mL | 0.2307 mL | 0.4614 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.

Reference

Habeck LL, et al. A novel class of monoglutamated antifolates exhibits tight-binding inhibition of human glycinamide ribonucleotide formyltransferase and potent activity against solid tumors. *Cancer Res.* 1994 Feb 15;54(4):1021-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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