

---

**Product Data Sheet**

---

Product Name: LY 222306

Cat. No.: GC33376

**Chemical Properties**

Cas. No. 154446-98-7

SMILES O=C1C2=C(NCC(CCC(O3)=CC=C3C(N[C@@H](CCC(O)=O)C(O)=O)=O)C2)N=C(N)N1Formula C<sub>19</sub>H<sub>23</sub>N<sub>5</sub>O<sub>7</sub> M.Wt 433.42

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

LY 222306 is a glycinamide ribonucleotide formyltransferase (GARFT) inhibitor with a Ki of 0.77 nM.

[1]. 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.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA