

Product Data Sheet

LY 222306

 Cat. No.:
 HY-14522

 CAS No.:
 154446-98-7

 Molecular Formula:
 C₁₉H₂₃N₅O₇

Molecular Weight: 433.42

Target: Antifolate

Pathway: Cell Cycle/DNA Damage

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

HN N N O OH

BIOLOGICAL ACTIVITY

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

IC₅₀ & Target Ki: 0.77 nM (GARFT)^[1]

REFERENCES

[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.

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