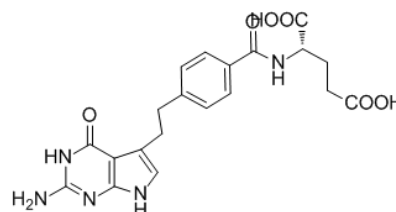


Product Name : Pemetrexed
Cat. No. : PC-42709
CAS No. : 137281-23-3
Molecular Formula : C₂₀H₂₁N₅O₆
Molecular Weight : 427.4106
Target : Antifolate
Solubility : 10 mM in H₂O



Biological Activity

A classical multitargeted antifolate that inhibits multiple folate-requiring enzymes TS/DHFR/GARFT with Ki of 1.3/7.2/65 nM respectively; increases the cytotoxicity and antitumor activity of gemcitabine in HT29 colon carcinoma.
Chemotherapeutic Agents
Approved

References

- Shih C, et al. Cancer Res. 1997 Mar 15;57(6):1116-23.
Tonkinson JL, et al. Cancer Res. 1999 Aug 1;59(15):3671-6.
Curtin NJ, et al. Lancet Oncol. 2001 May;2(5):298-306.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com