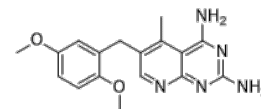


Product Name : Piritrexim
Cat. No. : PC-26914
CAS No. : 72732-56-0
Molecular Formula : C₁₇H₁₉N₅O₂
Molecular Weight : 325.37
Target : Nucleoside Antimetabolite/Analog
Solubility : 10 mM in DMSO



CAS: 72732-56-0

Biological Activity

Piritrexim (BW301U) is a lipophilic antifolate and potent dihydrofolate reductase (DHFR) inhibitor against *Pneumocystis carinii* and *Toxoplasma gondii*, with IC₅₀ of 0.038 and 0.011 μM, respectively, shows antiparasitic, antipsoriatic and antitumor properties.

References

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Sedwick WD, et al. *Mol Pharmacol.* 1982 Nov;22(3):766-70.
Grivsky EM, et al. *J Med Chem.* 1980 Mar;23(3):327-9. doi: 10.1021/jm00177a025.
de Vries EG, et al. *Br J Cancer.* 1993 Sep;68(3):641-4.

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

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