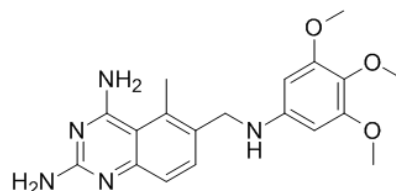


Product Name : Trimetrexate
Cat. No. : PC-42556
CAS No. : 52128-35-5
Molecular Formula : C₁₉H₂₃N₅O₃
Molecular Weight : 369.4176
Target : Antifolate
Solubility : 10 mM in DMSO



Biological Activity

Trimetrexate (CI-898, NSC249008) is a quinazoline derivative and antifolate agent that functions as a dihydrofolate reductase (**DHFR**) inhibitor.

Trimetrexate shows activity against transport-deficient MTX-resistant tumor cells that overcome the acquired and natural resistance to methotrexate.

References

- Weir EC, et al. Cancer Res. 1982 May;42(5):1696-702.
Diddens H, et al. Cancer Res. 1983 Nov;43(11):5286-92.
Elslager EF, et al. J Med Chem. 1983 Dec;26(12):1753-60.
Wong BK, et al. Drug Metab Dispos. 1990 Nov-Dec;18(6):980-6.

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

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