

Product Name : Trimetrexate

Synonyms : CI-898; NSC-249008; CI898; NSC249008

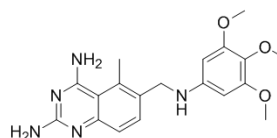
Cat No. : M14831

CAS Number : 52128-35-5

Molecular Formula : C₁₉H₂₃N₅O₃

Formula Weight : 369.42

Chemical Name : 2,4-Quinazolinediamine, 5-methyl-6-[[[(3,4,5-trimethoxyphenyl)amino]methyl]-



Description : A quinazoline derivative and antifolate agent that functions as a dihydrofolate reductase (DHFR) inhibitor; shows activity against transport-deficient MTX-resistant tumor cells that overcome the acquired and natural resistance to methotrexate. Chemotherapeutic Agents Discontinued

Pathway : Cell Cycle/DNA Damage

Target : Antifolate

Receptor : Antifolate

Solubility : 10 mM in DMSO

SMILES : NC1=NC(N)=C2C(C)=C(CNC3=CC(OC)=C(OC)C(OC)=C3)C=CC2=N1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Weir EC, et al. Cancer Res. 1982 May;42(5):1696-702. 2. Diddens H, et al. Cancer Res. 1983 Nov;43(11):5286-92. 3. Elslager EF, et al. J Med Chem. 1983 Dec;26(12):1753-60. 4. Wong BK, et al. Drug Metab Dispos. 1990 Nov-Dec;18(6):980-6.