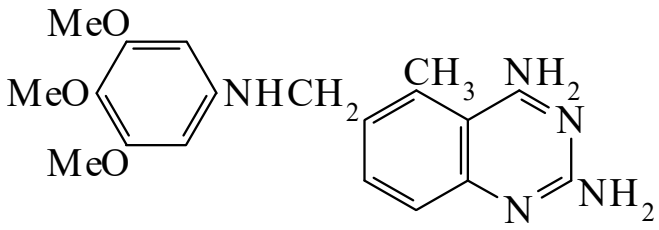
>>**Entry Name: Trimetrexate,** BAN, INN, USAN
Synonym(s): 5-Methyl-6-[[(3,4,5-trimethoxyphenyl)amino]methyl]-2,4-quinazolinediamine, 9CI. 2,4-Diamino-5-methyl-6[(3,4,5-trimethoxyanilino)methyl]quinazoline. CI 898. JB 11. NSC 249008. TMQ. TMTX



CAS Registry Number: 52128-35-5
Related CAS Registry Numbers(s): 52128-36-6

Molecular Formula: $C_{19}H_{23}N_5O_3$
Molecular Weight: 369.422
Accurate Mass: 369.18009
Percentage Composition: C 61.77%; H 6.28%; N 18.96%; O 12.99%
Use/Importance: Dihydrofolate reductase inhibitor; antineoplastic agent. Also suggested for the treatment of *Pneumocystis carinii* pneumonia in AIDS patients
Development Status: Launched 1994 (US)
Calculated Log P Data: Log P 1.34 (calc)

>>**Derivative:** Acetate

Physical Description: Cryst. (H_2O)
Melting Point: Mp 215-217° (as hydrate)

>>**Derivative:** Mono-D-glucuronate
Synonym(s): Trimetrexate glucuronate, USAN**.** NeuTrexin. Oncotrex

CAS Registry Number: 82952-64-5
Molecular Formula: $C_{25}H_{33}N_5O_{10}$
Molecular Weight: 563.563
Accurate Mass: 563.222745
Percentage Composition: C 53.28%; H 5.90%; N 12.43%; O 28.39%
Development Status: Launched 1994 (US, Canada)

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