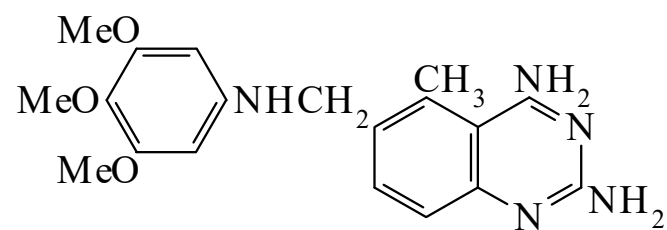




>>Entry Name: Trimetrexate, BAN, INN, USAN

Synonym(s): 5-Methyl-6-[[[(3,4,5-trimethoxyphenyl)amino]methyl]-2,4-quinazolinediamine, 9Cl. 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<sub>19</sub>H<sub>23</sub>N<sub>5</sub>O<sub>3</sub>

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<sub>2</sub>O)

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<sub>25</sub>H<sub>33</sub>N<sub>5</sub>O<sub>10</sub>

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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