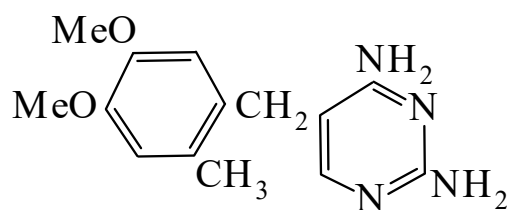




>>Entry Name: Ormetoprim, INN, USAN

Synonym(s): 5-[(4,5-Dimethoxy-2-methylphenyl)methyl]-2,4-pyrimidinediamine, 9Cl. 2,4-Diamino-5-(6-methylveratryl)pyrimidine, 8Cl. 2,4-Diamino-5-(4,5-dimethoxy-2-methylbenzyl)pyrimidine. NSC 95072. Ro 5-9754



CAS Registry Number: 6981-18-6

Molecular Formula: C₁₄H₁₈N₄O₂

Molecular Weight: 274.322

Accurate Mass: 274.142976

Percentage Composition: C 61.30%; H 6.61%; N 20.42%; O 11.66%

Use/Importance: Veterinary antibacterial agent, coccidiostat

Melting Point: Mp 235-236°

Calculated Log P Data: Log P 1.5 (calc)

Other Data: Used in combination with Sulfadimethoxine [FLV87-F](#)

Sigma: O0502

References:

Netherlands Pat., 1966, Hoffmann-La Roche, 6 514 743; CA, **65**, 10597, (synth, pharmacol)

Parish, R.O. *et al.*, J. Med. Chem., 1972, **15**, 1324, (pharmacol)

Szilagyi, G. *et al.*, Acta Chim. Acad. Sci. Hung., 1975, **87**, 177, (synth)

Cabel, M.C. *et al.*, Poultry Sci., 1991, **70**, 241-289, (use)

Samuelsen, O.B. *et al.*, J. Chromatogr., B: Biomed. Appl., 1994, **660**, 412, (hplc)