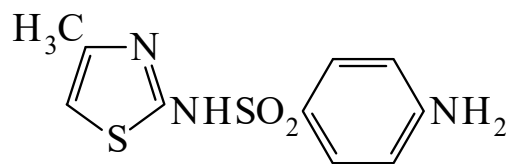




>>Entry Name: Neodiseptal

Synonym(s): 4-Amino-*N*-(4-methyl-2-thiazolyl)benzenesulfonamide, 9Cl. *N*'-(4-Methyl-2-thiazolyl)sulfanilamide, 8Cl. 4-Methyl-2-sulfanilamidothiazole. Methylsulfathiazole. Sulfamethylthiazole. Novoseptale. Streptosilthiazol. Toriseptin M. Ultraseptyl



CAS Registry Number: 515-59-3

Molecular Formula: C₁₀H₁₁N₃O₂S₂

Molecular Weight: 269.348

Accurate Mass: 269.029267

Percentage Composition: C 44.59%; H 4.12%; N 15.60%; O 11.88%; S 23.81%

Use/Importance: Antibacterial agent

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 238-239°

Calculated Log P Data: Log P 1.22 (calc)

References:

Long, P.H. *et al.*, *J. Am. Med. Assoc.*, 1940, **114**, 870, (*pharmacol*)

Yoshida, H., *Yakugaku Zasshi*, 1954, **74**, 1280; *CA*, **49**, 14666h, (*synth*)

Foldi, Z. *et al.*, *CA*, 1958, **52**, 12822c, (*synth*)