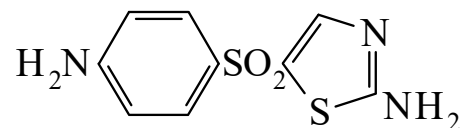




>>Entry Name: Thiazosulfone, INN

Synonym(s): 5-[(4-Aminophenyl)sulfonyl]-2-thiazolamine, 9Cl. 2-Amino-5-sulfanilylthiazole. Thiazolsulfone. Promizole. Protozol



CAS Registry Number: 473-30-3

Molecular Formula: C₉H₉N₃O₂S₂

Molecular Weight: 255.321

Accurate Mass: 255.013617

Percentage Composition: C 42.34%; H 3.55%; N 16.46%; O 12.53%; S 25.12%

Use/Importance: Antibacterial agent, formerly used in the treatment of leprosy

Melting Point: Mp 219-221° (dec.)

Calculated Log P Data: Log P 0.07 (calc)

References:

Bambas, L.L., *J.A.C.S.*, 1945, **67**, 671, (*synth, pharmacol*)

Bass, A.D., *Drill's Pharmacol. Med.*, 4th edn., McGraw-Hill, New York, 1971, 1674, (*rev, pharmacol, tox*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 217