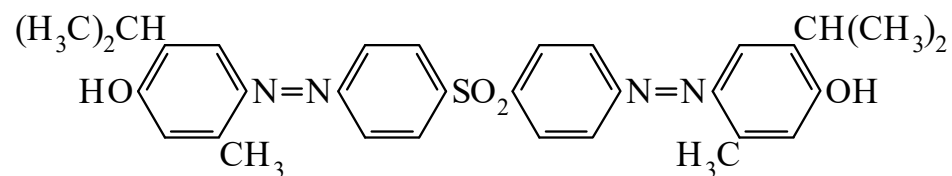




>>Entry Name: Diathymosulfone, INN

Synonym(s): 6,6'-[Sulfonylbis(*p*-phenyleneazo)]dithymol. Bis[4-(4-hydroxy-2-methyl-5-isopropylphenylazo)phenyl]sulfone. Diatox. Sulfonatox. Thylmolsulfone. Thymosulfone. Timosulfone



CAS Registry Number: 5964-62-5

Related CAS Registry Numbers(s): 5964-63-6

Molecular Formula: C₃₂H₃₄N₄O₄S

Molecular Weight: 570.711

Accurate Mass: 570.230076

Percentage Composition: C 67.35%; H 6.00%; N 9.82%; O 11.21%; S 5.62%

Use/Importance: Antimycobacterial agent

Physical Description: Red-brown powder (EtOH aq.)

Development Status: No longer marketed

Melting Point: Mp 222-224°

Calculated Log P Data: Log P 10.04 (uncertain value) (calc)

References:

U.K. Pat., 1956, *Laborec*, 758 744; *CA*, **51**, 9689d, (*synth*)

Chiarlo, C. *et al.*, *Arch. Ital. Sci. Farmacol.*, 1957, **7**, 167, (*synth, pharmacol*)