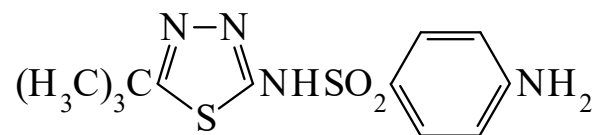




>>Entry Name: Glybuthiazol, INN, JAN

Synonym(s): 4-Amino-*N*-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]benzenesulfonamide, 9Cl. *N*'-(5-*tert*-Butyl-1,3,4-thiadiazol-2-yl)sulfanilamide, 8Cl. Sulfatertiobutylthiadiazole. Glipasol. RP 2259



CAS Registry Number: 535-65-9

Molecular Formula: C₁₂H₁₆N₄O₂S₂

Molecular Weight: 312.416

Accurate Mass: 312.071466

Percentage Composition: C 46.13%; H 5.16%; N 17.93%; O 10.24%; S 20.53%

Use/Importance: Oral hypoglycaemic agent

Physical Description: Needles (EtOH)

Melting Point: Mp 221-223°

Calculated Log P Data: Log P 1.76 (calc)

Hazard & Toxicity: Exp. reprod. effects

References:

Peuhos, J.C., *C. R. Hebd. Seances Soc. Biol. Ses Fil.*, 1957, **151**, 772, (tox)

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Loubatieres, A. *et al.*, *C. R. Hebd. Seances Soc. Biol. Ses Fil.*, 1964, **158**, 610, (pharmacol)

Reisch, J. *et al.*, *Pharm. Ztg.*, 1964, **109**, 74, (tlc)

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