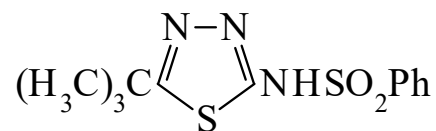




>>Entry Name: Glybuzole, INN, JAN

Synonym(s): *N*-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol]-2-ylbenzenesulfonamide, 9Cl. *N*-(*tert*-Butyl-1,3,4-thiadiazol-2-yl)sulfanilamide, 8Cl. Sulfamidothiodiazole. Desaglybuzole. Gludiasse. Isopamin. AN 1324. RP 7891. TH-1395



CAS Registry Number: 1492-02-0

Molecular Formula: C₁₂H₁₅N₃O₂S₂

Molecular Weight: 297.401

Accurate Mass: 297.060567

Percentage Composition: C 48.46%; H 5.08%; N 14.13%; O 10.76%; S 21.56%

Use/Importance: Antihyperglycaemic agent, antidiabetic

Physical Description: Needles

Melting Point: Mp 163°

Calculated Log P Data: Log P 2.63 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 500 mg/kg. LD₅₀ (rat, ipr) 219 mg/kg. Exp. fetotoxic and teratogenic effects

References:

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