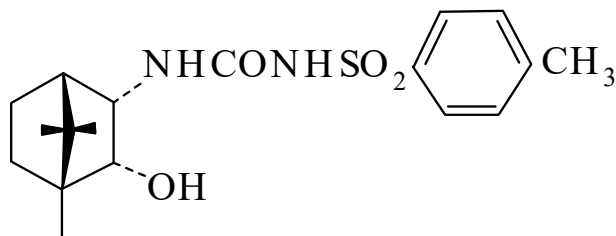




>>Entry Name: **Glibornuride**, BAN, INN, USAN

Synonym(s): *N*-[[[3-Hydroxy-4,7,7-trimethylbicyclo[2.2.1]hept-2-yl)amino]carbonyl]-4-methylbenzenesulfonamide, 9Cl. 1-(2-Hydroxy-3-bornyl)-3-(*p*-tolylsulfonyl)urea, 8Cl. Glitrim. Gluborid. Glutrid. Glutril. Glutrim. Glytril. Glytrim. Logiston. Ro 6-4563



CAS Registry Number: 26944-48-9

Molecular Formula: C₁₈H₂₆N₂O₄S

Molecular Weight: 366.48

Accurate Mass: 366.161328

Percentage Composition: C 58.99%; H 7.15%; N 7.64%; O 17.46%; S 8.75%

Use/Importance: Antihyperglycaemic agent. Antidiabetic drug. Low acute toxicity

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 192-195°

Optical Rotation: [α]_D +63.8 (EtOH)

Calculated Log P Data: Log P 3.18 (calc)

Hazard & Toxicity: Exp. reprod. and teratogenic effects

References:

Bretschneider, H. *et al.*, *Monatsh. Chem.*, 1969, **100**, 2133, (*synth*)

Lorch, E. *et al.*, *Arzneim.-Forsch.*, 1972, **22**, 2153, (*pharmacol, props*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 279

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, GFY100