



>>Entry Name: Glyhexamide, INN, USAN

Synonym(s): *N*-[(Cyclohexylamino)carbonyl]-2,3-dihydro-1*H*-indene-5-sulfonamide, 9Cl. 1-Cyclohexyl-3-(5-indanylsulfonyl)urea, 8Cl. Serbose. Subose. HZ 21. NSC 106960. SQ 15860



CAS Registry Number: 451-71-8

Molecular Formula: C₁₆H₂₂N₂O₃S

Molecular Weight: 322.427

Accurate Mass: 322.135113

Percentage Composition: C 59.60%; H 6.88%; N 8.69%; O 14.89%; S 9.95%

Use/Importance: Antidiabetic agent

Physical Description: Cryst. (Me₂CO aq.)

Development Status: No longer marketed

Melting Point: Mp 153-155°

Calculated Log P Data: Log P 3.45 (calc)

References:

Lerner, L.J. *et al.*, *Metab., Clin. Exp.*, 1965, **14**, 578, (*pharmacol*)

Grinnell, E.H. *et al.*, *Am. J. Med. Sci.*, 1967, **253**, 312, (*pharmacol*)

Breuer, H. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1973, **8**, 659, (*synth, pharmacol*)