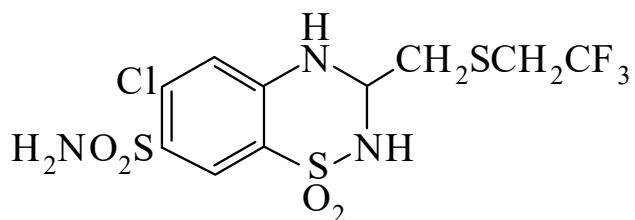




>>Entry Name: Epitizide, INN

Synonym(s): 6-Chloro-3,4-dihydro-3-[[[(2,2,2-trifluoroethyl)thio]methyl]-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide, 9Cl. Epithiazide, BAN, USAN. Flurese. Thiaver. NSC 108164. P 2105



CAS Registry Number: 1764-85-8

Type of Compound Code(s): XA3850 XA1650

Molecular Formula: C₁₀H₁₁ClF₃N₃O₄S₃

Molecular Weight: 425.861

Accurate Mass: 424.955228

Percentage Composition: C 28.20%; H 2.60%; Cl 8.32%; F 13.38%; N 9.87%; O 15.03%; S 22.59%

Use/Importance: Antihypertensive, diuretic

Calculated Log P Data: Log P 1.43 (calc)

>>Variant: (±)-form

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Molecular Weight: 425.861

Accurate Mass: 424.955228

Percentage Composition: C 28.20%; H 2.60%; Cl 8.32%; F 13.38%; N 9.87%; O 15.03%; S 22.59%

Physical Description: Cryst. (Me₂CO/C₆H₆)

Melting Point: Mp 206-207°

References:

U.S. Pat., 1961, 3 009 911; *CA*, **56**, 5987, (*synth*)

Wiseman, E.H. *et al.*, *Biochem. Pharmacol.*, 1962, **11**, 881, (*metab*)

Blaschke, G. *et al.*, *J. Pharm. Sci.*, 1985, **74**, 438, (*resoln*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 814