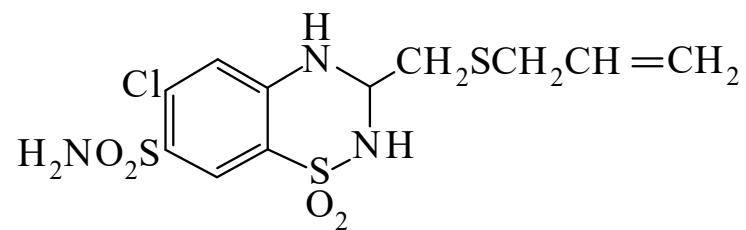




>>Entry Name: Altizide, INN

Synonym(s): 6-Chloro-3,4-dihydro-3-[(2-propenylthio)methyl]-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide, 9Cl. 3-[(Allylthio)methyl]-6-chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide, 8Cl. **Althiazide**, USAN. 8093 CB. P 1779



CAS Registry Number: 5588-16-9

Molecular Formula: C₁₁H₁₄ClN₃O₄S₃

Molecular Weight: 383.9

Accurate Mass: 382.983494

Percentage Composition: C 34.42%; H 3.68%; Cl 9.23%; N 10.95%; O 16.67%; S 25.06%

Use/Importance: Antihypertensive, diuretic

Calculated Log P Data: Log P 0.71 (calc)

Sigma: A3794

>>Variant: (±)-form

Molecular Formula: C₁₁H₁₄ClN₃O₄S₃

Molecular Weight: 383.9

Accurate Mass: 382.983494

Percentage Composition: C 34.42%; H 3.68%; Cl 9.23%; N 10.95%; O 16.67%; S 25.06%

Melting Point: Mp 206-207°

References:

U.K. Pat., 1962, *Pfizer*, 902 658; *CA*, **58**, 539e, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 809