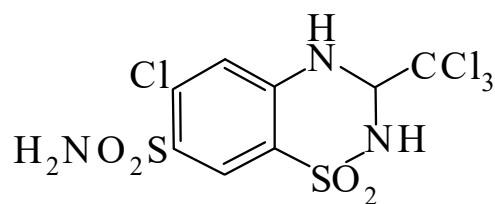




>>Entry Name: **Teclothiazide**, BAN, INN

Synonym(s): 6-Chloro-3,4-dihydro-3-(trichloromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide, 9Cl. Trichlormethylhydrochlorothiazide. Tetrachlormethiazide. Deleil. Deplet. PS 207



CAS Registry Number: 4267-05-4

Molecular Formula: C₈H₇Cl₄N₃O₄S₂

Molecular Weight: 415.104

Accurate Mass: 412.863205

Percentage Composition: C 23.15%; H 1.70%; Cl 34.16%; N 10.12%; O 15.42%; S 15.45%

Use/Importance: Diuretic

Calculated Log P Data: Log P 1.84 (calc)

>>**Variant:** (±)-form

Molecular Formula: C₈H₇Cl₄N₃O₄S₂

Molecular Weight: 415.104

Accurate Mass: 412.863205

Percentage Composition: C 23.15%; H 1.70%; Cl 34.16%; N 10.12%; O 15.42%; S 15.45%

Physical Description: Cryst. (monoglyme aq.)

Melting Point: Mp 287°. Mp 300-303 dec.°

References:

Sherlock, M.H. *et al.*, *Experientia*, 1960, **5**, 184, (*pharmacol*)

Close, W.J. *et al.*, *J.A.C.S.*, 1960, **82**, 1132, (*synth*)

Novello, F.C. *et al.*, *J.O.C.*, 1960, **25**, 970, (*synth*)

Auclair, M. *et al.*, *Therapie*, 1963, **18**, 131, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 829