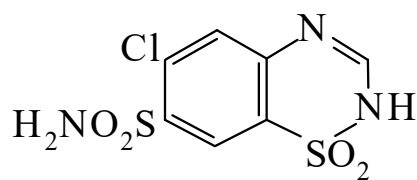




>>Entry Name: Chlorothiazide, BAN, INN, USAN

Synonym(s): 6-Chloro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide, 9Cl, 8Cl. 6-Chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide. Clorotiazide. Chlotride. Diuril. Saluric. Thiazide. Many other names



CAS Registry Number: 58-94-6

Molecular Formula: C₇H₆ClN₃O₄S₂

Molecular Weight: 295.727

Accurate Mass: 294.948824

Percentage Composition: C 28.43%; H 2.04%; Cl 11.99%; N 14.21%; O 21.64%; S 21.69%

Use/Importance: Diuretic, antihypertensive

Melting Point: Mp 342.5-343 dec.°

Solubility: Sol. alkali

Calculated Log P Data: Log P -0.41 (uncertain value) (calc)

Other Data: Component of Aldoclor, Diupres

Hazard & Toxicity: LD₅₀ (rat, orl) 10000 mg/kg. Exp. reprod. effects

Sigma: C4911

>>Derivative: Na salt

Synonym(s): Chlorothiazide sodium, USAN. Sodium diuril

CAS Registry Number: 7085-44-1

References:

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