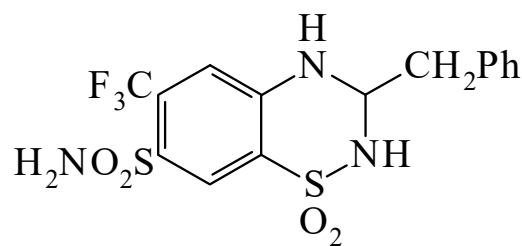




>>Entry Name: Bendroflumethiazide, INN, USAN

Synonym(s): 3,4-Dihydro-3-(phenylmethyl)-6-(trifluoromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide, 9CI. Bendrofluazide, BAN. Benzhydroflumethiazide. Aprinox. Benzide. Berkozide. Centyl. Esbericid. Naturetin. Pluryl. Salures. Sinesalin. Be 724A



CAS Registry Number: 73-48-3

Molecular Formula: C₁₅H₁₄F₃N₃O₄S₂

Molecular Weight: 421.42

Accurate Mass: 421.037781

Percentage Composition: C 42.75%; H 3.35%; F 13.52%; N 9.97%; O 15.19%; S 15.22%

Use/Importance: Diuretic, antihypertensive agent, low acute toxicity

Calculated Log P Data: Log P 1.69 (calc)

Sigma: B5775

>>Variant: (±)-form

Molecular Formula: C₁₅H₁₄F₃N₃O₄S₂

Molecular Weight: 421.42

Accurate Mass: 421.037781

Percentage Composition: C 42.75%; H 3.35%; F 13.52%; N 9.97%; O 15.19%; S 15.22%

Physical Description: Cryst. (MeOH/CHCl₃)

Melting Point: Mp 228°

References:

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Florey, K. *et al.*, *Anal. Profiles Drug Subst.*, 1976, **5**, 13; 1977, **6**, 597, (*rev*)

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