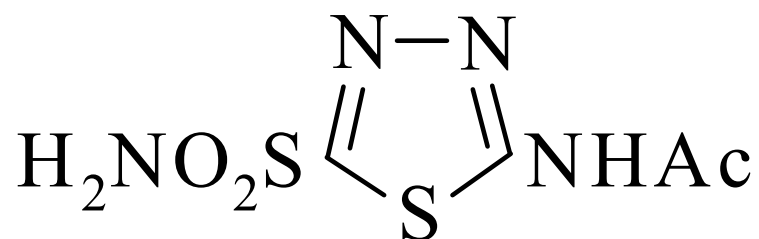




>>Entry Name: Acetazolamide, BAN, INN, JAN, USAN

Synonym(s): N-[5-(Aminosulfonyl)-1,3,4-thiadiazol-2-yl]acetamide, 9Cl. 5-Acetamido-1,3,4-thiadiazole-2-sulfonamide. Acetazide. Diamox. Many other names



CAS Registry Number: 59-66-5

Related CAS Registry Numbers(s): 1424-27-7

Molecular Formula: C₄H₆N₄O₃S₂

Molecular Weight: 222.248

Accurate Mass: 221.988131

Percentage Composition: C 21.62%; H 2.72%; N 25.21%; O 21.60%; S 28.86%

Use/Importance: Potent carbonic anhydrase inhibitor; used for treatment of glaucoma. Diuretic

Melting Point: Mp 260-261 dec.°

Solubility: Sol. H₂O

Calculated Log P Data: Log P -0.87 (calc)

Other Data: Also used as Na salt (Acetazolamide sodium, USAN)

Hazard & Toxicity: Adverse effects incl. paraesthesia and drowsiness. LD₅₀ (mus, orl) 4300 mg/kg. Exp. reprod. and teratogenic effects

Aldrich: 27195-0

Rare Chemicals Library: S40310-5

Sigma: A6011

References:

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