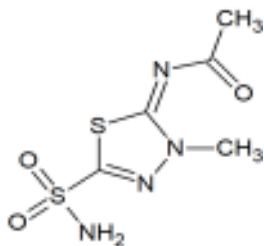


Methazolamide

ALTERNATE NAME: N-[5-(aminosulfonyl)-3-methyl-1,3,4-thiadiazol-2(3H)-ylidene]-acetamide

CATALOG #: B3259-10 10 mg
B3259-50 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₅H₈N₄O₃S₂

MOLECULAR WEIGHT: 263.27

CAS NUMBER: 554-57-4

APPEARANCE: White to off-white solid

PURITY: ≥98% by HPLC

SOLUBILITY: >15 mg/ml DMSO

DESCRIPTION: Methazolamide is a potent carbonic anhydrase (CA) inhibitor (IC₅₀ = 130 nM) with anti-glaucoma, anti-diabetic, and potential anti-neoplastic activity. It reduces intraocular pressure and cerebrospinal fluid flow in a rat model of glaucoma.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Indisulam (B2463)
Dorzolamide Hydrochloride (B2185)
U-104 (9631)
KC7F2 (9641)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*