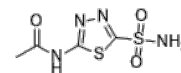


Product Name : Acetazolamide
Cat. No. : PC-22967
CAS No. : 59-66-5
Molecular Formula : C₄H₆N₄O₃S₂
Molecular Weight : 222.24
Target : Carbonic Anhydrase
Solubility : 10 mM in DMSO



Biological Activity

Acetazolamide is a potent carbonic anhydrase (CA) IX inhibitor with an IC₅₀ of 30 nM for hCA IX. Acetazolamide inhibits the invasiveness of renal cell carcinoma in vitro by blocking hCA IX activity. Acetazolamide shows diuretic, antihypertensive and anti-gonococcal activities.

References

Hou Z, et al. Eur J Med Chem. 2017 May 26;132:1-10.

Gao H, et al. Oncol Lett. 2018 Jun;15(6):9299-9306.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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