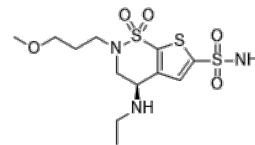


Product Name : Brinzolamide
Cat. No. : PC-24455
CAS No. : 138890-62-7
Molecular Formula : C₁₂H₂₁N₃O₅S₃
Molecular Weight : 383.50
Target : Carbonic Anhydrase
Solubility : 10 mM in DMSO



Biological Activity

Brinzolamide (AL-4862) is a potent, selective carbonic anhydrase II (CA II) inhibitor with IC₅₀ of 3.2 nM, reduces intraocular pressure (IOP) by inhibiting ciliary CA-II and decreasing atrial fluid secretion.

References

Vatsala Naageshwaran, et al. J Pharm Sci. 2021 Jan;110(1):529-535.

Ilies M, et al. Bioorg Med Chem. 2000 Aug;8(8):2145-55.

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

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