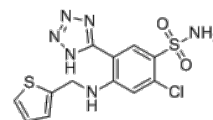


Product Name : Azosemide
Cat. No. : PC-35345
CAS No. : 27589-33-9
Molecular Formula : C₁₂H₁₁ClN₆O₂S₂
Molecular Weight : 370.83
Target : Na-K-Cl Cotransporter (NKCC)
Solubility : 10 mM in DMSO



Biological Activity

Azosemide (Azosemidum) is a potent Na-K-Cl Cotransporter **NKCC1** with IC₅₀ of 0.246 and 0.197 μM for hNKCC1A and NKCC1B, being about 4-times more potent than bumetanide.

Azosemide is a high-ceiling loop diuretic agent used to treat hypertension, edema, and ascites.

References

Hampel P, et al. *Sci Rep.* 2018 Jun 29;8(1):9877.

Harada K, et al. *J Cardiovasc Pharmacol.* 2009 Jun;53(6):468-73.

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

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