Furosemide is a loop diuretic that is clinically used to treat congestive heart failure, edema, and hypertension; it inhibits the Na+/K+/Cl⁻ (NKCC) symporter and CFTR Cl⁻ channels in the loop of Henle, decreasing reabsorption of Na⁺ and K⁺ and increasing secretion of Mg²⁺ and Ca²⁺. Furosemide exhibits antihypertensive, anxiolytic, and potentially antiepileptic/anticonvulsant activities. Furosemide noncompetitively inhibits GABA-A receptors and decreases conditioned anxiety in animal models of contextual fear conditioning and fear-potentiated startle.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.