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Brinzolamide

National Cancer Institute

Source

National Cancer Institute. *Brinzolamide*. NCI Thesaurus. Code C47420.

A sulfonamide and carbonic anhydrase inhibitor with specific affinity for carbonic anhydrase II. Following topical ocular administration, brinzolamide inhibits carbonic anhydrase II, an enzyme that is responsible for the movement of sodium and fluid transport in the eye. This inhibition leads to a decrease in aqueous humor secretion, probably by slowing the formation of bicarbonate ions, and results in a reduction in intraocular pressure. Brinzolamide is used to treat increased pressure in the eye caused by open-angle glaucoma.