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Antiglaucoma carbonic anhydrase inhibitors: a patent review

DOI: 10.1517/13543776.2013.794788

Expert Opinion on Therapeutic Patents, 2013, 23, 705-16.

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#	Paper	IF	Citations
251	5-Substituted-(1,2,3-triazol-4-yl)thiophene-2-sulfonamides strongly inhibit human carbonic anhydrases I, II, IX and XII: solution and X-ray crystallographic studies. 2013 , 21, 5130-8		26
250	A class of sulfonamides with strong inhibitory action against the β -carbonic anhydrase from <i>Trypanosoma cruzi</i> . <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 5773-81	8.3	51
249	Synthesis of novel acridine and bis acridine sulfonamides with effective inhibitory activity against the cytosolic carbonic anhydrase isoforms II and VII. 2013 , 21, 5799-805		29
248	Effect of incorporating a thiophene tail in the scaffold of acetazolamide on the inhibition of human carbonic anhydrase isoforms I, II, IX and XII. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5646-9	2.9	17
247	Structural study of the location of the phenyl tail of benzene sulfonamides and the effect on human carbonic anhydrase inhibition. 2013 , 21, 6674-80		12
246	Inhibition of human carbonic anhydrase isoforms I-XIV with sulfonamides incorporating fluorine and 1,3,5-triazine moieties. 2013 , 21, 6929-36		18
245	4-amino-substituted benzenesulfonamides as inhibitors of human carbonic anhydrases. <i>Molecules</i> , 2014 , 19, 17356-80	4.8	16
244	Sulfonamides and their isosters as carbonic anhydrase inhibitors. 2014 , 6, 1149-65		133
243	Classical sulfonamides and their bioisosters as carbonic anhydrase inhibitors. 2014 , 18-33		3
242	A class of 4-sulfamoylphenyl- β -aminoalkyl ethers with effective carbonic anhydrase inhibitory action and antiglaucoma effects. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 9673-86	8.3	44
241	Structural insights on carbonic anhydrase inhibitory action, isoform selectivity, and potency of sulfonamides and coumarins incorporating arylsulfonylureido groups. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 9152-67	8.3	46
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238	Combining the tail and the ring approaches for obtaining potent and isoform-selective carbonic anhydrase inhibitors: solution and X-ray crystallographic studies. 2014 , 22, 334-40		86
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236	Inhibition of carbonic anhydrase isoforms I, II, IX and XII with novel Schiff bases: identification of selective inhibitors for the tumor-associated isoforms over the cytosolic ones. 2014 , 22, 5883-90		11
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233	Quinazoline-sulfonamides with potent inhibitory activity against the β -carbonic anhydrase from <i>Vibrio cholerae</i> . 2014 , 22, 5133-40		35
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