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Probing the 'bipolar' nature of the carbonic anhydrase active site: aromatic sulfonamides containing 1,3-oxazol-5-yl moiety as picomolar inhibitors of cytosolic CA I and CA II isoforms

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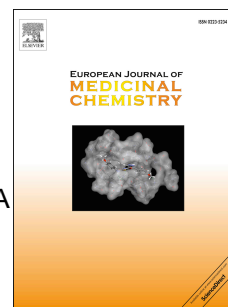
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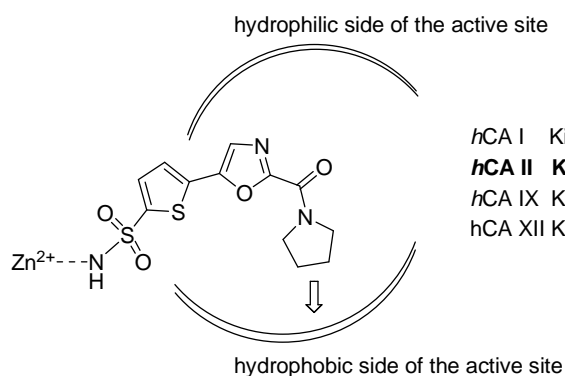
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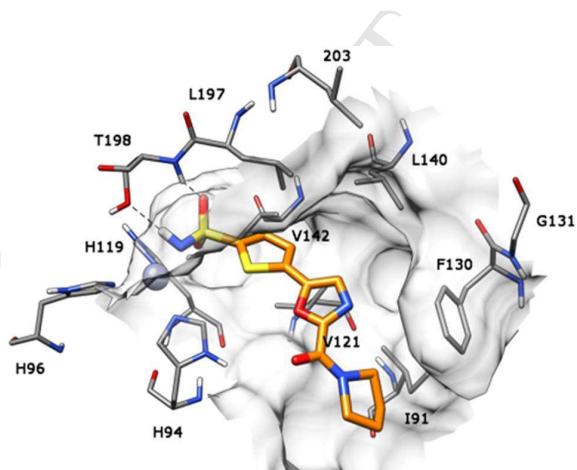


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*h*CA I $K_i = 41.9$ nM
*h*CA II $K_i = 0.01$ nM
*h*CA IX $K_i = 18.7$ nM
*h*CA XII $K_i = 6.7$ nM



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