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Design and synthesis of novel benzenesulfonamide containing 1,2,3-triazoles as potent human carbonic anhydrase isoforms I, II, IV and IX inhibitors

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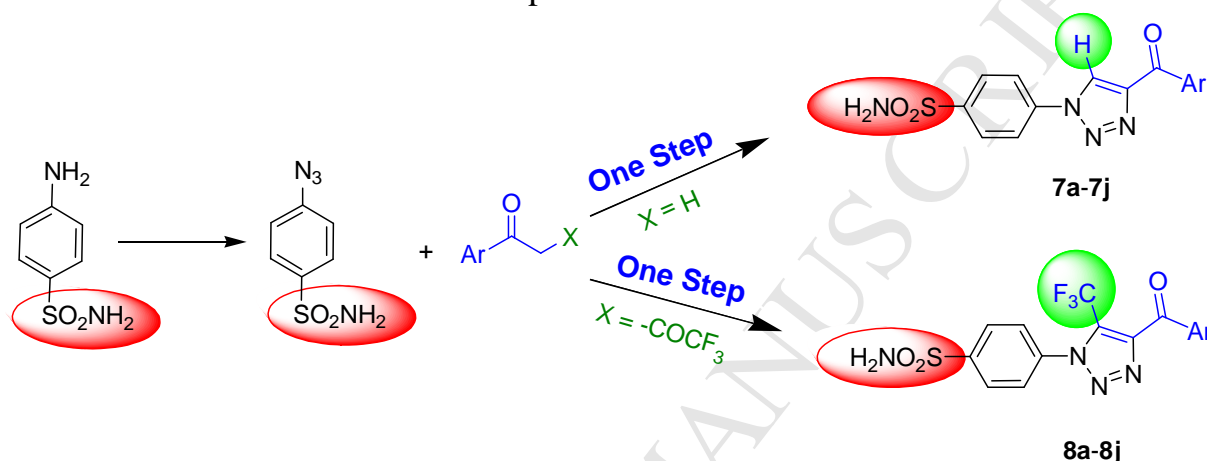
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Graphical Abstract



7a-7j, 8a-8j K_i (nM) ≤ 86.8 against hCA I

7b, 7d-7e, 8d-8f, 8j K_i (nM) < 50 against hCA II

7b-7e, 8d-8f K_i (nM) ≤ 95.8 against hCA IV

7d-7f, 8a, 8d-8f, 8i K_i (nM) ≤ 48.2 against hCA IX

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