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Amido/ureidosubstituted benzenesulfonamides-isatin conjugates as low nanomolar/subnanomolar inhibitors of the tumor-associated carbonic anhydrase isoform XII

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Graphical abstract

Amido/ureidosubstituted benzenesulfonamides-isatin conjugates as low nanomolar/subnanomolar inhibitors of the tumor-associated carbonic anhydrase isoform XII

Wagdy M. Eldehna,* Mohamed Fares, Mariangela Ceruso, Hazem A. Ghabbour, Sahar M. Abou-Seri, Hatem A. Abdel-Aziz, Dalal A. Abou El Ella, Claudiu T. Supuran*

Two series of amido and ureido-sulfonamides conjugated with isatins were synthesized and evaluated for their inhibitory activity against a panel of hCAs; I, II (cytosolic) and IX, XII (transmembrane)

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