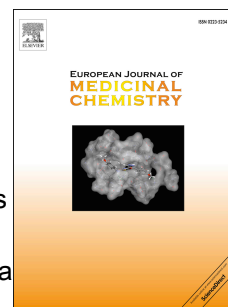


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Rational design of carbamate-based dual binding site and central AChE inhibitors by a “biooxidisable” prodrug approach: Synthesis, *in vitro* evaluation and docking studies

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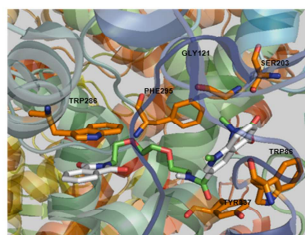
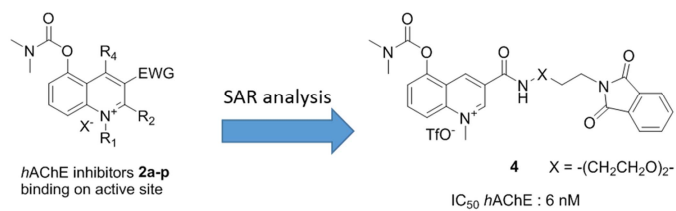
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- Synthesis and SAR evaluation of compounds **2a-p**
- *In vitro* evaluation of **4** and its prodrug **3** against $hAChE$ activity
- Molecular docking simulation of **4**

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