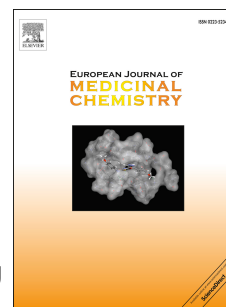


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Graphical Abstract

Design, Synthesis and SAR Analysis of Potent BACE1 Inhibitors: Possible Lead Drug Candidates for Alzheimer's Disease

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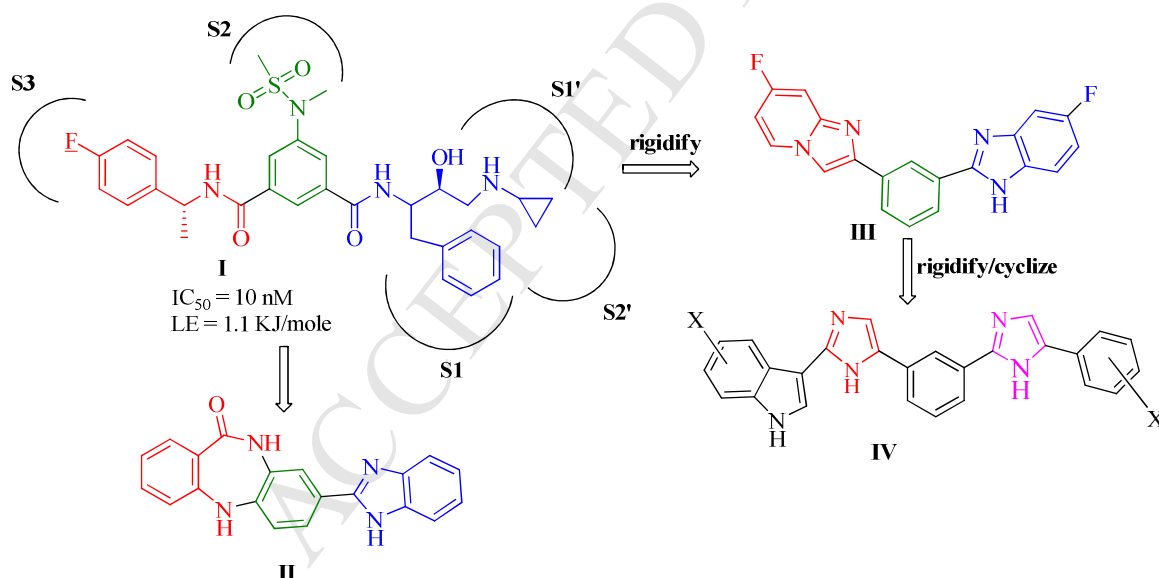
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New potent isophthalic acid derivatives armed with imidazolyl and indolyl groups as β -secretase inhibitors have been synthesized. The most potent compound, **11b**, displayed an EC_{50} value of $0.29 \mu\text{M}$.

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