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New quinoline derivatives as nicotinic receptor modulators

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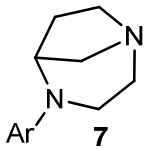
Graphical abstract for the manuscript

" **New quinoline derivatives as nicotinic receptor modulators**"

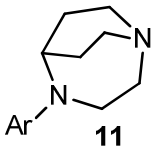
α4β2



7

Ar= 6-quinolinyl
K_i 412 nM
antagonist

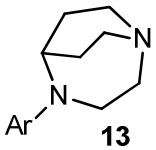
α7



11

Ar= 6-quinolinyl
K_i 96 nM
EC_{50} 1.41 μM

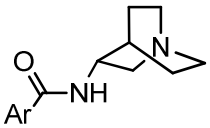
α7



13

Ar= 7-quinolinyl
K_i 117 nM
EC_{50} 1.09 μM

α7



16

Ar= 7-quinolinyl
K_i 287 nM
EC_{50} 1.57 μM