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Synthesis and activity towards Alzheimer's disease *in vitro*: Tacrine, phenolic acid and ligustrazine hybrids

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## ACCEPTED MANUSCRIPT

# Multifunctionnal AChE inhibitor OMe OH OMe OH AChE IC<sub>50</sub> = 3.9 nM, hAChE IC<sub>50</sub> = 65.2 nM Blocking 47% Aβ42 aggregation at 20 μM Neuroprotection, Low hepatotoxicity A: Aβ42 A: Aβ42 C: Aβ42 + 9i Lagrange C: Aβ42 + 9i

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