

# Half-inhibition Concentrations of New Cholinesterase Inhibitors

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The power of chosen carbamates and hydrazinium derivatives (carbazates) to inhibit the hydrolysis of acetylthiocholine by butyrylcholinesterase or acetylcholinesterase was tested. The determined pI<sub>50</sub> values (= negative logarithm of the molar concentration inhibiting the enzyme activity by 50%) of the tested substances were compared with pI<sub>50</sub> values of the commercially used drugs for the Alzheimer's disease treatment – rivastigmine and galanthamine.

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