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SOURCE Documentary as indicated. (Information specifically requested.)

RECENTLY PUBLISHED RESEARCH OF THE
MOSCOW PEDAGOGICAL INSTITUTE, USSR

"Mechanisms of the Parasympatholytic Action of Alkaloids: Flatyphylline, Senecephylline, and Sonecionine," E. B. Babeskiy, A. S. Zibert, Moscow Peoples Pedagog Inst

"Farmakol i Toksikol" Vol 8, No 6, 1945, pp 10-15

Platyphylline (I), Seneciphylline (II), and Senecionine (III) impede transmission of stimuli from vagus nerve to cardiac musculature. They do not prevent formation of acetylcholine at cardiac nerve tips. Tests with I at 20, II at 100, and III at 500 ppm (activity indicated by dose) in isolated frog hearts show the atropine mechanism of parasympatholytic action. Loewi-Navratil technique was employed.

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