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(54) Title: ARYL AND HETEROARYL FUSED IMIDAZO[1,5-A]PYRAZINES AS INHIBITORS OF PHOSPHODIESTERASE 10

(57) Abstract: The invention relates to imidazo[1,5-a]pyrazine derivatives, to processes for preparing them, to pharmaceutical preparations which comprise these compounds and to the pharmaceutical use of these compounds, which are inhibitors of phosphodiesterase 10 (PDE10), as active compounds for treating central nervous system diseases of mammals, including humans.