Abstract

The invention relates to substituted 5-hydroxyindoles with N-oxide groups, processes for their preparation, pharmaceutical preparations which comprise these compounds, and the pharmaceutical use of these compounds, which are inhibitors of phosphodiesterase 4, as active ingredients for the treatment of disorders which can be influenced by inhibition of phosphodiesterase 4 activity in particular in immunocompetent cells (e.g. macrophages and lymphocytes) by the compounds of the invention.