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(54) **Title:** INHIBITORS OF THE TASK-1 AND TASK-3 ION CHANNEL

(57) **Abstract:** The invention relates to the use of Kv1.5 inhibitors for producing a medicament for the therapy or prophylaxis of respiratory disorders, sleep-related respiratory disorders, central and obstructive sleep apneas, upper airway reisistance syndrome, Cheyne-Stokes respiration, snoring, disrupted central respiratory drive, sudden child death, postoperative hypoxia and apnea, muscle-related respiratory disorders, respiratory disorders after long-term ventilation, respiratory disorders during adaptation in high mountains, acute and chronic lung disorders with hypoxia and hypercapnia, neurodegenerative disorders, dementia, Alzheimer's disease, Parkinson's disease, Huntington's disease, cancer disorders, breast cancer, lung cancer, colon cancer and prostate cancer.

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