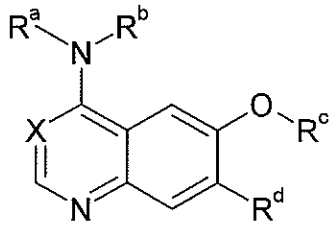
Abstract

The present invention relates to bicyclic heterocyclic groups of general formula



(I),

wherein

R^a, R^b, R^c, R^d and X are defined as in claim 1, the tautomers, the stereoisomers, the mixtures and the salts thereof, particularly the physiologically acceptable salts thereof with inorganic or organic acids which have valuable pharmacological properties, particularly an inhibitory effect on signal transduction mediated by tyrosine kinases, the use thereof for treating diseases, particularly tumoral diseases, as well as benign prostate hyperplasia (BPH), diseases of the lungs and respiratory tract, and the preparation thereof.