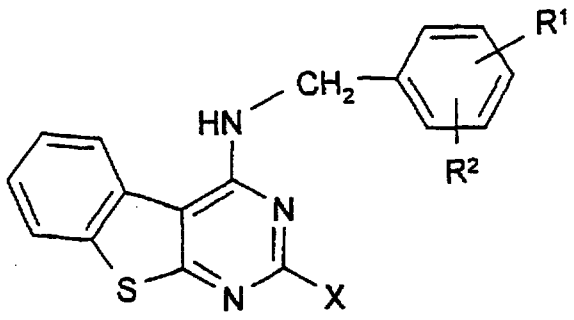
Abstract

Thienopyrimidines of the formula I



I

and their physiologically acceptable salts,

in which

R^1, R^2 and X have the meanings indicated in Claim 1, exhibit phosphodiesterase V inhibition and can be employed for the treatment of disorders of the cardiovascular system and for the treatment and/or therapy of potency disorders.