SULFONAMIDES FOR TREATMENT OF ENDOTHELIN-MEDIATED DISORDERS

ABSTRACT

Thienyl-, furyl- and pyrrolyl-sulfonamides, pharmaceutically-acceptable salts of sulfonamides, formulations of salts and the sulfonamides, and methods for modulating or altering the activity of the endothelin family of peptides using the formulations and sulfonamides are provided. In particular, formulations of sodium salts of N-(isoxazolyl)thienylsulfonamides, N-(isoxazolyl)furylsulfonamides and N-(isoxazolyl)pyrrolylsulfonamides are provided. A process of preparing an alkali metal salt of a hydrophobic sulfonamide is provided. The process includes the step of dissolving a free sulfonamide in an organic solvent in the presence of a saturated alkali metal salt solution and recovering the formed sulfonamide salt from the organic phase.