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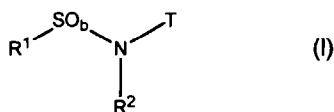
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(54) Title: BENZENESULFONYLAMINO-PYRIDIN-2-YL DERIVATIVES AND RELATED COMPOUNDS AS INHIBITORS OF 11-BETA-HYDROXY STEROID DEHYDROGENASE TYPE 1 (11-BETA-HSD-1) FOR THE TREATMENT OF DIABETES AND OBESITY



(57) Abstract: The present invention relates to compounds with the formula (I), or a pharmaceutically acceptable salt thereof, formula (I), wherein: R' is selected from the group consisting of (C₁-C₆)alkyl, -(CR³R⁴), (C₃-C₁₂)cycloalkyl, -(CR³R⁴), (C₆-C₁₂)aryl, and -(CR³R⁴)t(410)-membered heterocyclyl; b and k are each independently selected from 1 and 2; j is selected from the group consisting of 0, 1, and 2; t,

u, p, q, and v are each independently selected from the group consisting of 0, 1, 2, 3, 4, and 5; T is a (6-10)-membered heterocyclyl containing at least one nitrogen atom; R² is selected from the group consisting of H, (C₁-C₆)alkyl, -(CR³R⁴), (C₃-C₁₂)cycloalkyl, -(CR³R⁴), (C₆-C₁₂)aryl, and -(CR³R⁴), (410)-membered heterocyclyl; each R³ and R⁴ is independently selected from H and (C₁-C₆)alkyl, the carbon atoms of T, R', R², R³ and R⁴ may each be optionally, substituted by I to 5 R⁵ groups; R⁵ is defined in the claims; The compounds of the present invention are 11 β-hsd-1 inhibitors, and are therefore believed to be useful in the treatment of diabetes, obesity, glaucoma, osteoporosis, cognitive disorders, immune disorders, depression, hypertension, and metabolic diseases.

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