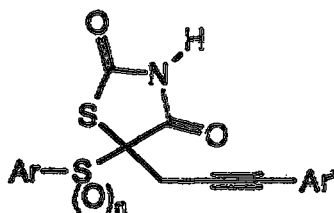


ABSTRACT OF THE INVENTION

This invention relates to novel 5-[3-aryl-prop-2-ynyl]-5-(arylsulfonyl)-
5 thiazolidine-2,4-diones and 5-[3-aryl-prop-2-ynyl]-5-(arylsulfanyl)thiazolidine-2,4-
diones characterized by the general formula (I), seen below, wherein Ar is phenyl, 2-
naphthyl, alkyl substituted phenyl, alkoxy substituted phenyl, halogen substituted
phenyl, 2-pyridinyl, substituted 2-pyridinyl, 3-pyridinyl, 4-pyridinyl, 2-quinolinyl, 2-
pyrimidinyl, 2-benzoxazolyl, 2-benzthiazolyl, 2-benzimidazolyl, 2-furanyl, 2-benzo-
10 [b]-furanyl, 2-thienyl, 2-benzo-[b]-thienyl; n is 0 or 2; and Ar' is phenyl, alkyl
substituted phenyl, perfluoroalkyl substituted phenyl, halogen substituted phenyl,
alkoxy substituted phenyl, perfluoroalkoxy substituted phenyl and alkylthio substituted
phenyl.



(I)

This invention also relates to the use of the abovementioned compounds in
lowering the blood glucose levels in hyperglycemic mammals and pharmaceutical
compositions containing the same.

