

PATENT NO. 382675
NOVEL 5-[4-(2-BIPHENYL-4-YL-2-OXO-ETHOXY)-BENZYLIDENE]-
THIAZOLIDINE-2,4-DIONES, THEIR SYNTHESIS AND USES THEREOF

APPLICATION NO. 201721025305

APPLICANT

Guru Ghasidas Vishwavidyalaya (A Central University)
Indian Council of Medical Research (ICMR)

ABSTRACT

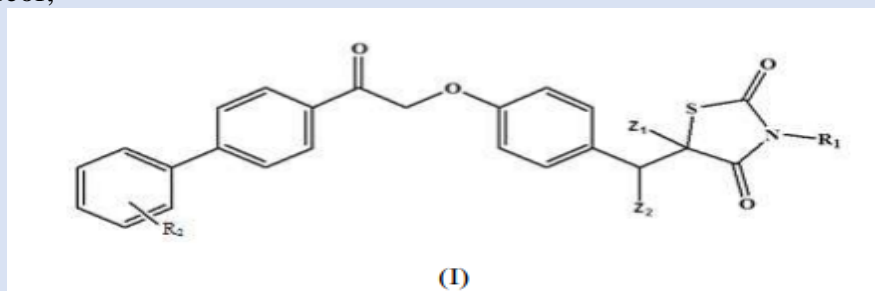
Disclosed are novel 5-[4-(2-biphenyl-4-yl-2-oxo-ethoxy)-benzylidene]-thiazolidine-2,4-dione compounds of general formula (I), their pharmaceutically acceptable salts, solvates their synthesis and uses thereof, to pharmaceutical compositions containing compounds and to the use of such compounds and composition in medicines either alone or in combination with other compounds.

INVENTOR

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CLAIM 1

Novel 5-[4-(2-biphenyl-4-yl-2-oxo-ethoxy)-benzylidene]-thiazolidine-2,4-dione compounds of general formula (I) or its pharmaceutically acceptable salts, solvates, isomers, enantiomers thereof;



wherein, R₁ is independently selected from hydrogen, (un)-substituted or substituted linear or branched alkyl, ketones, acids, esters or alkoxy, (un)-substituted or substituted aryl or (un)-substituted or substituted alkylaryl; R₂ is independently selected from hydrogen, (un)-substituted or substituted linear or branched alkyl, -CN, -SO₃H, (un)-substituted or substituted amines or acids; Z₁ and Z₂ independently represent hydrogen or together form a chemical bond.