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(57) Abstract :

The present invention belongs to the field of pharmaceutical science. More, particularly the invention pertains to synthesis and analgesic activity of novel compound N-(4-(diphenylamino) thiazol-2-yl)-2-(4-ethylphenoxy) acetamide. The novel process involved refluxing 2-chloro-N-(4-(diphenylamino) thiazol-2-yl) acetamide and 4-ethyl phenol for 23 min dry acetone in attendance of anhydrous K<sub>2</sub>CO<sub>3</sub> and KI. The unreacted phenol is removed from the final product by treating the substance with 10% aqueous solution of sodium carbonate. The compounds is then filtered and washed thoroughly with water, dried and recrystallized from ethanol.

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