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# Rosiglitazone

National Cancer Institute

## Source

National Cancer Institute. *Rosiglitazone*. NCI Thesaurus. Code C62076.

An agent belonging to the glitazone class of antidiabetic agents with antihyperglycemic and anti-inflammatory activities. In addition to its selective affinity for peroxisome proliferator-activated receptor (PPAR) gamma and its ability to lower blood glucose levels, rosiglitazone also exerts anti-inflammatory activity through its ability to inhibit nuclear factor-kappaB (NF-KB) activity and increase I-kappaB levels. In addition, rosiglitazone may cause fluid retention and may worsen congestive heart failure. This agent is also associated with an increased risk of heart attacks.