

**Design, Synthesis and Biological Evaluation of  
NOVEL GPR-119 AGONIST FOR THE TREATMENT OF TYPE 2  
DIABETES MELLITUS**

A Thesis Submitted to  
The Maharaja Sayajirao University of Baroda  
For the Degree of

**Doctor of Philosophy**  
**IN**  
**CHEMISTRY**

**BY**  
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*Dedicated To*

*Late Shri. Ramanbhai Patel*

*Founder of Zydus Cadila*