

LIST OF PUBLICATIONS

1. "Design, synthesis and characterization of fluoro substituted novel pyrazolylpyrazolines scaffold and their pharmacological screening"
European Journal of Medicinal Chemistry, 2014, 84, 51-58
Sharad C. Karad*, Vishal B. Purohit, Dipak K. Raval
 2. "Green synthesis and pharmacological screening of polyhydroquinoline derivatives bearing a fluorinated 5-aryloxypyrazole nucleus"
RSC Advances, 2015, 05, 16000-16009.
Sharad C. Karad,*^a Vishal B. Purohit,^a Dipak K. Raval,^a Piyush N. Kalaria,^a Jemin R. Avalani,^a Parth Thakor^b and Vasudev R. Thakkar^b
 3. "Novel morpholinoquinoline nucleus clubbed with pyrazoline scaffolds: Synthesis, antibacterial, antitubercular and antimalarial activities"
European Journal of Medicinal Chemistry, 2016, 112, 270-279
Sharad C. Karad,*^a Vishal B. Purohit, Parth Thakor^b and Vasudev R. Thakkar^{b a} Dipak K. Raval,^a
 4. "Design, synthesis, and characterization of a fluoro substituted novel pyrazole nucleus clubbed with 1,3,4-oxadiazole scaffolds and their biological applications"
RSC Advances, 2016, 06, 41532-41541.
Sharad C. Karad,^a Vishal B. Purohit,^a Jemin R. Avalani,^b Nirav H. Sapariya^a and Dipak K. Raval^{*a}
 5. "Synthesis and biological screening of novel 2-morpholinoquinoline nucleus clubbed with 1,2,4-oxadiazole motifs"
European Journal of Medicinal Chemistry, 2017, 126, 894-909
Sharad C. Karad*^a, Vishal B. Purohit^a, Rahul P. Thummar^a, Beena K .Vaghasiya^a, Ronak D. Kamani^a, Parth Thakor^b, Vasudev R. Thakkar^b, Sampark S. Thakkar^c, Arabinda Ray^c and Dipak K. Raval^a
 6. "Cu(N-heterocyclic carbene)chloride: an efficient catalyst for multicomponent click reaction for the synthesis of 1,2,3-triazoles in water at room temperature"
RSC Advances, 2014, 04, 46002-46007
Vishal B. Purohit,* **Sharad C. Karad**, Kirit H. Patel and Dipak K. Raval
-

7. "Palladium N-heterocyclic carbene catalyzed regioselective C–H halogenation of 1-aryl-3-methyl-1H-pyrazol-5(4H)-ones using N-halosuccinimides (NXS)"
Catalysis Science & Technology, 2015, 05, 3113-3118.
Vishal B. Purohit,* **Sharad C. Karad**, Kirit H. Patel and Dipak K. Raval

 8. "Palladium N-heterocyclic carbene catalyzed regioselective thiolation of 1-aryl-3-methyl-1H-pyrazol-5(4H)-ones using aryl thiols."
Tetrahedron, 2016, 72, 1114-1119.
Vishal B. Purohit,* **Sharad C. Karad**, Kirit H. Patel and Dipak K. Raval

 9. "Palladium N-heterocyclic carbene catalyzed expected and unexpected C–C and C–N functionalization reactions of 1-aryl-3-methyl-1H-pyrazol-5(4H)-ones"
RSC Advances, 2016, 6, 111139–111143
Vishal B. Purohit,* **Sharad C. Karad**, Kirit H. Patel and Dipak K. Raval
-