

Curriculum Vitae

Dr. Popat S. Shinde

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Employment History

April 2019 – Present	Associate Scientist, Aragen Life Sciences Pvt. Ltd Bengaluru, India
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Academic Qualifications

Jan 2014 – Jan 2019	Ph. D. in Organic Chemistry Research supervisor: Dr. Nitin. T. Patil Thesis title: “Gold and Brønsted Acid Catalyzed Reactions for the Synthesis of Benzoquinolines, Fused Quinolizinones and Arylalkynyl Sulfones” Academy of Scientific and Innovative Research CSIR-National Chemical Laboratory, Pune - 411 008, India. Half of the Ph. D. work I have done in the Indian Institute of Science Education and Research (IISER) Bhopal, Bhopal - 462 066, India.
July 2010 – July 2012	Master of Science in Chemistry (Organic Chemistry) 1 st Class (68.65%), University of Pune, India.
July 2007 – July 2010	Bachelor of Science in Chemistry 1 st Class (70.66%), University of Pune, India.

Fellowships and Awards

- **CSIR - Senior Research Fellowship - 2016** from the CSIR, New Delhi, India
- **CSIR - Junior Research Fellowship - 2014** from the CSIR, New Delhi, India
- **Graduate Aptitude Test in Engineering (Chemistry)** conducted by the IIT-Bombay, India (Jan 2013, All India Rank - 838)
- **National Eligibility Test (NET)** for Junior Research Fellowship, June - 2013, UGC-CSIR, New Delhi, India. (All India Rank - 31)
- **National Eligibility Test (NET)** for Junior Research Fellowship, Dec - 2013, UGC-CSIR, New Delhi, India. (All India Rank - 43)

- **National Eligibility Test (NET)** for Lectureship, December - 2012, UGC-CSIR, New Delhi, India (All India Rank - 04)
- **State Eligibility Test (SET)** for Lectureship, February - 2013, University of Pune, Pune, India

Strengths and Skills

- Asymmetric Synthesis
- Multistep Synthesis, Purification and Structural Elucidation of Organic Compounds
- Process Development, Scale-up and Technology Transfer from *mg* to *Kg* Scale
- Proficient in Literature Search Using SciFinder and Reaxys
- Modern Analytical Techniques Such as NMR, HPLC, LC/HRMS
- Excellent Writing and Communication Skills
- Competent User of MS-office Particularly MS-world, Power Point and Excel

Scientific Publications

1. Efficient Access to Alkynylated Quinalizines via Gold(I)-Catalyzed Aminoalkynylation of Alkynes.
Popat S. Shinde, Aslam C. Shaikh, Nitin T. Patil,* *Chem. Commun.*, **2016**, 52, 8152- 8155
2. Gold-Catalyzed Dehydrazinative C(sp)-Sulphur Coupling Reactions of Arylsulfonyl Hydrazides with Ethynylbenziodoxolones (EBXs) for Accessing Alkynyl Sulfones. **Popat S. Shinde**, Nitin T. Patil,* *Eur. J. Org.Chem.*, **2017**, 3512-3515
3. Silver Versus Brønsted acid-Mediated Intramolecular Hydroamination/Hydroarylation of Alkynes: Exploring Divergent Reaction Pathways to Access to Benzo[*b*]quinolizinium and Benzo[*h*]quinoline Derivatives
Popat S. Shinde, Nitin T. Patil,* *Manuscript communicated*.
4. Catalytic Enantioselective 1,3-Alkyl Shift in *O*-alkylarylethers: Efficient Synthesis of Optically Active 3,3'-Diaryloxindoles.
Amol B. Gade, Pradip N. Bagle, **Popat S. Shinde**, Nitin T. Patil,* *Angew. Chem., Int. Ed.* **2018**, 57, 5735-5739
5. Gold(I)-Catalyzed Cross-Coupling Reactions of Aryldiazonium Salts with Organostannanes.
Manjur O. Akram, **Popat S. Shinde**, Chetan C. Chintawar, Nitin T. Patil,* *Org. Biomol. Chem.* **2018**, 16, 2865-2869

Research Interest

- Asymmetric Catalysis
- Organocatalysis
- Green Chemistry
- Cross Coupling Reactions

References

- **Dr. Nitin T. Patil**
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