

ARJUN KUMAR VALLAMKONDA

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Kurnool Andhra
Pradesh, INDIA 518002

SUMMARY

- Results-driven synthetic organic chemist with 12 years of experience. Proven ability to design, develop, and optimize complex organic synthesis routes, and effectively communicate research findings to cross-functional teams.
- Hold expertise in organic chemistry, with a proven track record of successfully synthesizing, purifying, and characterizing complex organic compounds using a range of cutting-edge methods, including HPLC, NMR, and mass spectrometry.
- Experienced in the synthesis of organic compounds from milligram to kilogram scale, with a strong focus on raw material sourcing, specification development, and regulatory compliance to deliver cost-effective solutions.
- As a driven and accomplished synthetic organic chemist, I bring a proven track record of delivering multiple projects successfully and consistently meeting timeline commitments.
- Skilled in experimental documentation, utilizing electronic lab notebooks (ELNs) and offline lab notebooks to record, track, and maintain data, ensuring integrity, reproducibility, and regulatory compliance.

PROFESSIONAL EXPERIENCE

07/2025- 14/Jan/2026 *Syngene scientific solutions, Hyderabad, India*

12/2022 - 03/2024

02/2021-05/2022 *Senior Research Associate, Sai life sciences, Hyderabad, India*

05/2022 - 09/2022 *Associate Scientist, Aragen life sciences, Hyderabad, India.*

02/2020-01/2021 *Associate Scientist, Chemveda life sciences, Hyderabad, India.*

09/2018-01/2020 *Senior Research Associate, GVKBIO (Aragen Life sciences), Hyderabad, India.*

09/2013-08/2018 *Senior Research Associate, Syngene International (Biocon Group), Hyderabad, INDIA.*

08/2012-08/2013 *Trainee Chemist, LGC Promochem R&D Centre, Bangalore, INDIA.*

ACADEMIC QUALIFICATIONS

04/2012 **Master of Science, Organic Chemistry**
St Joseph's Pg College, Kurnool, Andhra Pradesh, India
Achieved Distinction with 75%

04/2010 **Bachelor of Science 58%**
Silver Jubilee Degree College, Kurnool, Andhra Pradesh, India

KEY SKILLS

- Multistep Synthesis Proficiency
- Scale up reactions
- Flash and reverse-phase column chromatography
- Optimization of Chemical Reactions
- Expertise in Air-Sensitive Reactions
- Cryogenic Reactions
- Research Literature
- Hazardous Materials Handling
- Data Interpretation
- Documentation Management
- Laboratory Risk Management
- Software Application Skills
- Compliance with GLP/GMP Standards
- Critical Thinking and Problem Solving
- Effective Communication
- Team work
- Time management
- Adaptability

ACHIEVEMENTS AND EXPERTISE

- Proficient in the design and execution of multi step synthetic routes, specializing in complex organic molecule preparation, expertise spans aromatic and heteroaromatic compounds for material chemistry, steroidal synthesis, drug discovery targets, API impurity profiling, and medicinal chemistry applications.
- Dynamic Senior Research Associate with over 3 years of specialized experience in Material chemistry at Syngene International India including design and synthesis of organic compounds with a robust track record of innovating and collaborating on cutting edge OLED technologies along side industry leader KONICA MINOLTA.
- Synthesized and characterized air sensitive and unstable compounds at room temperature BUPROPION F API impurity which is stable at -20°C using an argon filled glovebox and variety type of chemical fumehoods.
- As a expert in organometallic chemistry, I have safely handled and processed large quantities of pyrophoric chemicals, including n butyl lithium, t butyl lithium, Grignard reagents, metal hydrides, and alkali metals for small scale synthesis and catalysis applications such as palladium carbon, Pd PPh₃, Pd₂dba₃, Pd₂Cl₂PPh₃, Pd OH₂, Pd OAc₂, leveraging my knowledge of specialized techniques, such as glovebox handling.