

Curriculum vitae

Dr. Kamlesh Amin
1701 Salem road, Apt# H-6
Burlington, New Jersey -08016

phone : 609-239-8489

E-mail # dr_kamlesh29@rediffmail.com

OBJECTIVE

- To obtain a full-time position as an **Organic Chemist** within a company interested in innovative drug synthesis and scale-up; particularly interested in syntheses of biologically active compounds and natural products.

SUMMARY OF QUALIFICATIONS

- Doctorate in chemistry; solid chemistry background, through both research and process development.
- Proven ability to work as an independent as well as excellent team player.
- Strong work ethics, motivated, punctual and flexible.
- Excellent conceptual, organizational and problem solving skills.
- Strong ability to work with pilot plant and trouble shooting laboratories.
- Excellent skills in the synthetic organic and heterocyclic chemistry.
- Skills in the purification, characterization, and distillation of the chemicals.
- Knowledgeable in testing procedures, product specification and inspection method, MSDS, GMP, GLP, and SOP.

PROFESSIONAL EXPERIENCE

Organic Synthesis Research and Development

- Conducted research to update quality and quantity of chemical product and process set up.
- Determined the optimal conditions by varying different parameters like temperature of reaction, molar ratio of the starting materials, % use of Catalyst, specific design of reaction assembly and manual technique to obtain the best conversion of required product.
- Carried out different level small scale experiments in laboratory.
- Repeated laboratory scale process at moderate scale up level and pilot plant level to determine the consistency of reaction in reaction time, conversion of required product, and percentage yield with Compare to laboratory level experimentation.
- Invented new manufacturing routes for chemical compounds.

Literature survey

- Surveyed molecule from Literatures and Chemical Abstracts.
- Surveyed physical properties, chemical properties and basic nature of the molecule.
- Determined the different routes to synthesize the molecule.
- Decided the optimal route based on least harmful effect on nature and human body, low cost of production and high % yield of the molecule.
- I have knowledge of Chem – draw, sci finder, computer literature search.

SYNTHESIS

- Synthesized different heterocyclic and pharmaceutical agents.
- Synthesized various drug molecules for chiron corporation , U.S.A
- Synthesized various drug molecules like LISINOPRIL, FLUCANAZOLE , GLIMIPIRIDE ,TAZAROTENE etc
- Controlled different types of chemical reactions like nitration, reduction, oxidation, sulphonation, condensation, halogenation, chlorosulfonation, acetylation, lithiation, hydrogenation, epoxidation, esterification, Suzuki arylation, mitshunobu reactions. reductive Animation, Grignard reaction, friedel-crafts acylation & alkylation, Cyanation, resolution of chiral compound, Hydrogenation in Auto clave under pressure etc.
- Carried out moisture sensitive reaction.
- I worked on Generic drug (non- infringing route) Substance like SUFENTENIL, FENTENIL ,Ropirinole, Deferoxamine
- **ANALYTICAL**
 - Handled analytical instruments like IR, UV, HPLC, GC, NMR, and analyzed the compounds.

MANAGEMENT SKILLS :

- Effectively organized daily work load to meet deadline
- Handled more than one task at a time with accuracy
- Completed all reports and documentation associated with assign projects as directed by supervisor
- Executed assigned laboratory duties for the benefit of the entire group to a satisfactory level

OTHER RESPONSIBILITIES:

- Prepared different solution as per the experiment requirement
- Coordinated with the maintenance, electrical and instrumentation dept. for routine work
- Maintained the stock of raw materials and solvent
- Participated in other laboratory activity
- Supervised other chemist and worker

WORK STATUS: GREEN CARD HOLDER**EMPLOYMENT HISTORY:**

• Navinta LLC New Jersey USA	Research Scientist	2004-2005
•Rubamin Pharmaceutical	Group leader (organic synthesis)	2003-2004
•GLENMARK Pharmaceutical	Sr.R&D OFFICER	2003-2003
•Rubamin Pharmaceutical	Group leader (organic synthesis)	2003- 2002
•Multi-Chem Research Center, India.	Research Officer	2002-2001
•Uma Laboratories Pvt. Ltd., India.	Research Officer	1999- 2001

EDUCATION:

• Doctor of Philosophy (Ph.D.) (Chemistry),	S.P.U., India.	1995-1999
• Master of Science (Organic Chemistry),	S.P.Uni., India.	1993-1995
• Bachelor of Science (Chemistry),	Gujarat Uni., India	1990-1993

REFERANCES :

1. Dr.R.G.Patel
Professor of Chemistry
Sardar Patel University
Vallabh Vidyanagar
Gujarat-388 120,India
Phone: (0091-2692)-26858
Fax: (0091-2692)-36475
<patelranjanben@yahoo.com>
2. Dr.M.P.Patel
Reader in Chemistry
Department of Chemistry
Sardar Patel University
Vallabh Vidyanagar
Gujarat - 388 120, India
Phone: (0091-2692)-26858
Fax: (0091-2692)-36475
<bicco_patel@yahoo.com, patelmanish1069@yahoo.com>
3. Dr.D.I.Brahmbhatt
Reader in Chemistry
Department of Chemistry
Sardar Patel University
Vallabh Vidyanagar
Gujarat - 388 120, India
Phone:(0091-2692-26858)
Fax: (0091-2692)-36475
<drbrahmbhatt@yahoo.com>