

## **Farhad Rajabimehr**

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I am a chemist graduate with a passion for synthesis. Currently, as a chemistry professional in the synthesis of active pharmaceutical ingredients, I am trying to find optimal and effective methods for the synthesis of drug molecules. My background in synthesis of active pharmaceutical ingredients together with my strong analytical skills, critical thinking and communication skills enables me to work efficiently in a pharmaceutical company and working for more than ten years in such an environment taught me to be a goal-oriented team player, flexible, and innovative expert.

### **WORK EXPERIENCES**

#### **Production manager at TEMAD**

#### **Narcotic Product Manager of Temad Company (active pharmaceutical ingredients company)**

**July 2019 – June 2022**

- Experienced in streamlining the drug manufacturing process, in accordance with the safety guidelines and corporate standards
- Experience with Chemical and Pharmaceutical Industry for product development, technical operation and manufacturing
- Develop novel assays to measure diverse target compounds with increased throughput
- Creating a new method for opium extraction
- Troubleshoot, generate, and revise SOPs and test synthesis methods
- Improve and modify tools, procedures and techniques
- Conduct monthly safety meetings to ensure work environment operates efficiently and without hazards and Create fast-paced operations schedules to encourage high-volume production
- Developed and implemented strategies to optimize product performance across all phases of the product lifecycle, from launch to distribution
- Lead and trained a team with 22 participants in cGMPs and SOPs

#### **Senior R&D Chemist at TEMAD**

#### **Research and development department of Temad Company (active pharmaceutical ingredients company)**

**September 2011 – July 2019**

- Experience in research & development at temad company for the synthesis of narcotic and non-narcotic pharmaceutical products over than 50 drugs

- Experience in Chemistry, Chemical Engineering, Material Sciences, or related fields, with experience in developing new product, new technologies for active pharmaceutical ingredient products
- Contributed to significant changes to several products such as Ketotifen Fumarate, noroxymorphone, Trimethylphenylammonium chloride, fluvoxamine maleate, by recommending new ingredients and techniques to R&D team
- Provide purification method of thebaine, noscapine, ...
- Increase batch size of 2,2-Diphenyl-4-dimethylaminovaleronitrile, codeine phosphate, papaverine hydrochloride, methadone hydrochloride, dextromethorphan hydrobromide, ... production
- Troubleshoot production problems relate to synthesis and ensure procedure run flawless on production scale
- Conducted bench trials, feasibility runs, Pilot trials and Stability studies for new product development and reformulation
- Developed different positioning for product synthesis active pharmaceutical ingredients such as extraction of opium, narcotic and non-narcotic
- Developed different positioning for product synthesis active pharmaceutical ingredients such as extraction of opium, narcotic and non-narcotic
- Create and review production manufacturing batch records
- Ensure product procedure are safe and within company and legal parameters
- Manufacture pilot batches as needed

## **List of some active pharmaceutical ingredients will be available upon request**

### **Non-Narcotics**

- Fluvoxamine Maleate
- Ketotifen Fumarate
- Papaverine Hydrochloride
- Quetiapine Hemifumarate
- Hydroxychloroquine
- Pholcodine
- Celecoxib
- Aciclovir
- Pregabalin
- Fluoxetine
- Omeprazole
- Pantoprazole
- Thiamine
- Dexamethasone Sodium Phosphate
- Betamethasone Sodium Phosphate

- Aspirin
- Paracetamol

### **Narcotics**

- Extraction of Opium Alkaloids
- Methadone Hydrochloride
- Tramadol Hydrochloride
- Buprenorphine Hydrochloride
- Morphine Hydrochloride
- Morphine Sulfate
- Hydrocodone Bitartrate
- Codeine Phosphate
- Dextromethorphan Hydrobromide
- Naltrexone Hydrochloride

### **Intermediates**

- 2,2-Diphenyl-4-dimethylaminovaleronitrile
- Noroxymorphone
- Purification of Morphine
- Purification of Noscapine
- Purification of Papaverine
- Purification of Thebaine
- Purification of Codeine
- Trimethylphenylammonium chloride

## **SKILLS**

### **COMPUTER SKILLS**

- ChemOffice Suite
- Gaussian
- HyperChem Professional
- Crocodile Chemistry
- WordPress (Website Design)

### **PERSONAL SKILLS**

- Team Oriented
- Flexible & Creative
- Diligence & Rigor
- Personal Integrity

- Reliability
- Positive Work Ethic
- Great Communicator
- Responsible

### **PROFESIONAL SKILLS**

- R&D bench/pilot/feasibility trials
- Multi step organic synthesis, new product development, instrumental analysis, extraction
- R&D-lab and production equipment handling
- Extensive and experienced skills in chemical synthesis and purification technique
- Outstanding specialization in product synthesis, separation and purification
- Cross-functional team leadership
- Raw materials evaluation
- Quality, cGMP, SOP, FDA regulations
- Proven organizational skills, teamwork and flexibility are critical in our work environment in our work environment
- Professional in website design

### **LANGUAGES**

Persian (native), English (Working knowledge), Turkish (Basic)

### **EDUCATION**

- ✓ Master of Organic Chemistry - Islamic Azad University, Tehran, IRAN
- ✓ BSc in Applied Chemistry - Islamic Azad University, Tabriz, IRAN

### **HOBBIES**

Following and reading science and technology news and articles, Hiking and Biking, Website design and learning computer science, watching movies and shows.