Research Methodology in Chemistry

Edited by
Fiona N.-F. How, Ph.D

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Table of content

CHAPTER – 2

RESEARCH IN NATURAL PRODUCTS

Deny Susanti

Introduction

Choosing a meaningful research topic for a project can be a challenge and is a critical step to determine the success of the research project. It can be also one of the more difficult steps. So, assign a few days to plan for ideas and try to investigate the availability of relevant materials

In natural products based research, there are several groups of topics that can help in choosing the topic. The groups are method in natural products, bioactive principle from Plants, biological activity of natural products, pharmacological activity of natural products, and standardization process in natural products and plant metabolomics.

This part discusses the method in natural products, bioactive principle of natural products and standardization process in natural products. After research topic has been chosen, conduct literature review that relate to the chosen topic and specify in detail the problem that intends to solve. Lastly, design and implement a solution to this problem.

Methods in Natural Products Research

In this group of topic, research focuses on the extraction, isolation and characterization of natural products using several methods.

Extraction