



The preparation and Synthesis of Sulfur-containing Alkaloids and Anti-inflammatory Activities

PI : Prof. Ya-Ching Shen
School of Pharmacy, National Taiwan University

Experience:

1. Ph.D., Institute of Pharmaceutical Sciences, College of Medicine, National Taiwan University
2. Prof., Department of Marine Resources, National Sun Yat-Sen University

*Lab of Natural
and Biomimetic
Products*

Market Needs:

It may have good market because they belong to natural products and biomimetic products, which are available to synthesize easily.

Our Technology:

The total synthesis of *S*-Methyl *N*-benzyl *O*-ethyl dithiocarbamate (**5**) and *S*-Methyl *N*-benzyl dithioamide derivatives (**18-37**), and their anti-inflammatory activities.

Strength:

New natural and unique biomimetic chemical structures

Competing Products:

There are many unnatural, synthetic products in the market.

Intellectual Properties:

We have been applying Taiwan patent in 2014. (PD4981 說明書台大 10A1407012014)

Contact (do not need to fill out):

Center for Industry-Academia Cooperation, NTU
Tel: 02-3366-9945, E-mail: ntuciac@ntu.edu.tw

This information herein is intended for potential license of NTU technology only. Other usage of all or portion of this information in whatever form or means is strictly prohibited. Kindly contact us and we will help to achieve your goal the best we can.