



The Chinese University of Hong Kong
Non-confidential Abstract of Technology Disclosure

Title:

Natural Cholinesterase Inhibitors to Treat Cognitive Impairment

CUHK Ref. No.:

02/MED/119

Inventor(s):

Professor P C Shaw, Department of Biochemistry

Patent Status:

- ◆ Chinese Patent Pending
- ◆ Hong Kong Patent Pending
- ◆ US Patent Pending

Non-confidential abstract:

This invention provides a new usage of a Chinese medicinal material and three pure compounds on treating cognitive impairments. These disorders include Alzheimer's disease, insomnia, vascular dementia, memory loss, disorders of attention and other sleeping disorders. These compounds, found in the root of a Chinese medicinal material, are shown to selectively inhibit acetylcholinesterase (AChE) activity. These compounds are non-toxic towards selected cell lines and have higher specificity on AChE as compared to butrylcholinesterase.

For further queries, please contact:

Mr Billy Lam
Technology Licensing Coordinator
Tel: (852) 2609 8882
Fax: (852) 2603 5451
Email: billylam@cuhk.edu.hk

Address:
Technology Licensing Office
The Chinese University of Hong Kong
Room 226, Pi Ch'iu Bldg, Shatin, New Territories
Hong Kong SAR