

International Conference on

Pharmaceutical Chemistry

September 05-07, 2016 Frankfurt, Germany

Phytochemical constituents from *Garcinia atroviridis*

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Garcinia atroviridis is a medium-sized fruit tree found wild in the forest of Peninsular Malaysia, Thailand, Myanmar, India and sometimes in a half-cultivated state in villages. It is commonly known as 'Asam Gelugor' in Malaysia or 'Som-Khaek' in Thailand. *G. atroviridis* has been used as a postpartum medication agent in folkloric medicine. The fruit is used in a lotion made with vinegar, which is rubbed upon the abdomen of a woman after confinement and the juice from the leaves is given to a woman after childbirth in one of those numerous protective preparations. In the investigation on the chemical constituents of the stem bark of *G. atroviridis*, eleven compounds have been isolated and purified using column chromatography. These compounds were characterized using various spectroscopic techniques and were assayed for antioxidant and cholinesterase enzyme inhibitory activities.

Biography

Wen-Nee Tan has completed her PhD in Natural Products Chemistry from Universiti Sains Malaysia and is currently a Lecturer in Universiti Sains Malaysia. Her research interests focus on natural products isolation and their structural characterization, as well as bioassay on the isolated pure compounds.

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