

**DPPH radical scavenging and semicarbazide-sensitive  
amine oxidase inhibitory and cytotoxic activities of  
Taiwanofungus camphoratus (Chang-chih).**

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**Abstract**

Wild, liquid state culture and solid state culture of *Taiwanofungus camphoratus* (Chang-chih) were sequentially extracted with cold water, methanol, and hot water to get cold water soluble, methanol soluble, and hot water soluble extracts respectively. The extracts from three Chang-chih were used to determine 1,1-diphenyl-2-picrylhydrazyl (DPPH) radical scavenging, semicarbazide sensitive amine oxidase inhibitory, and cytotoxic activities against B16-F10 and HT-1080 cell lines. It was found that extracted fractions from three Chang-chih exhibited the different levels of biological activities.