Monitoring of BHT-Quinone and BHT-CHO in the Gas of Capsules of *Asclepias physocarpa*

Bing-Ji Ma, Hua Peng*, and Ji-Kai Liu*

State Key Laboratory of Phytochemistry and Plant Resources in West China,
Kunming Institute of Botany, Chinese Academy of Sciences, Kunming 650204, China.
Fax: +86-871-5150227. E-mail: jkliu@mail.kib.ac.cn; hpeng@mail.kib.ac.cn

* Authors for correspondence and reprint requests

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Three volatile components, namely benzoic acid ethyl ester (**1**), 2,6-di-*tert*-butyl-*p*-benzoquinone (BHT-quinone) (**2**), and 3,5-di-*tert*-butyl-4-hydroxybenzaldehyde (BHT-CHO) (**3**), were detected from the gas in the capsules of *Asclepias physocarpa* by means of GC/MS analysis. BHT-quinone and BHT-CHO as organic pollutants are the degradation products of the antioxidant 2,6-di-*tert*-butyl-4-methylphenol (BHT). Ground water, lake water and/or rain water are a source of BHT metabolites in the plant *Asclepias physocarpa*.

Key words: *Asclepias physocarpa,* 2,6-Di-*tert*-butyl-*p*-benzoquinone (BHT-Quinone), 3,5-Di-*tert*-butyl-4-hydroxybenzaldehyde (BHT-CHO)