

# Transformation of Lapachol to a Novel Naphthoquinone and Related Compounds

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In boiling pyridine, lapachol (**1**) is transformed into novel asymmetric naphthoquinone derivative, quadrilone (**2**), and into dehydro- $\alpha$ -lapachone (**3**), and adenophyllone (**4**). Lapachol used in the present study was isolated from the heartwood of *Heterophragma quadriloculare* and found to be the most abundant naphthoquinone.

*Key words:* *Heterophragma quadriloculare*, Bignoniaceae, Naphthoquinones