

OR-55**An Investigation On Bioactive Constituents from *Persea Declinata* (BL.) Kosterm**

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The *Persea declinata* (BL.) Kosterm belongs to the family Lauraceae, is another *Persea* species with potential medicinal values. It is widely distributed in Borneo, Java, Malaysia (Penang, Kelantan, Terengganu, Pahang, Selangor) and Singapore. It shares the same genus with the infamously studied *Persea americana*, or better known as the avocado, however, there are no documentation of this plant being investigated chemically or biologically. This paper will discuss the antioxidant and anticancer activities of the crude extract and fractions of *Persea declinata* (BL.) Kosterm through DPPH and ORAC assay, and MTT assay using human breast carcinoma cells (MCF-7), human non-small cell lung cancer cells (A549) and human normal hepatic WRL-68 cell type.

Keywords: *Persea declinata*, antioxidants, anticancer.
