

A novel 2-phenoxychromone (**1**) and five known flavones (**2-6**) were isolated from northeastern Brazilian propolis in the state of Bahia. The chemical structures of these six compounds were determined by spectroscopic investigations and single-crystal X-ray analysis. The isolated compounds showed growth-inhibitory activities, in varying degrees, against human tumor cell lines. This is the first report on the discovery of a novel 2-phenoxychromone from propolis.

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