

Plant Growth Activities of Aspyran, Asperentin, and its Analogues Produced by the Fungus *Aspergillus* sp.

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Aspyran (**1**), a novel compound, and the known isocoumarin asperentin (**2**), also known as cladosporin, together with its analogues **3–6** were isolated from *Aspergillus* sp. and their structures established by spectroscopic methods including 2D NMR spectroscopy. The effects of **1–6** on plant growth were examined by bioassays using lettuce and rice seedlings. Compounds **1** and **3** promoted the root growth of the seedlings, while **2** and **5** were inhibitory. Compounds **4** and **6** did not show any effect on the growth of lettuce and rice seedlings, respectively.

Key words: Aspyran, Asperentin, *Aspergillus*