

## Cyclic heptapeptides from the soil-derived fungus *Clonostachys rosea*

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<b>Title</b>	Cyclic heptapeptides from the soil-derived fungus <i>Clonostachys rosea</i>
<b>First Author</b>	Abdel-Wahab, Nada M.; Harwoko, Harwoko; Mueller, Werner E. G.;
<b>Last Author</b>	Proksch, Peter
<b>Authors</b>	Abdel-Wahab, NM; Harwoko, H; Muller, WEG; Hamacher, A; Kassack, MU; Fouad, MA; Kamel, MS; Lin, WH; Ebrahim, W; Liu, Z; Proksch, P;
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<b>Abstract</b>	Three new cyclic heptapeptides (1-3) together with three known compounds (4-6) were isolated from a solid rice culture of the soil-derived fungus <i>Clonostachys rosea</i> . Fermentation of the fungus on white beans instead of rice afforded a new gamma-lactam (7) and a known gamma-lactone (8) that were not detected in the former extracts. The structures of the new compounds were elucidated on the basis of 1D and 2D NMR spectra as well as by HRESIMS data. Compounds 1 and 4 exhibited significant cytotoxicity against the L5178Y mouse lymphoma cell line with IC <sub>50</sub> values of 4.1 and 0.1 μM, respectively. Compound 4 also displayed cytotoxicity against the A2780 human ovarian cancer cell line with an IC <sub>50</sub> value of 3.5 μM. The preliminary structure-activity relationships are discussed.
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<b>Author</b>	Dr.rer.nat. Apt HARWOKO, S.Farm, M.Sc.