

Bioactive p-terphenyl derivatives from a *Cordyceps*-colonizing isolate of *Gliocladium* sp.

Guo H, Hu H, Liu S, Liu X, Zhou Y, Che Y (2007) Bioactive p-terphenyl derivatives from a *Cordyceps*-colonizing isolate of *Gliocladium* sp. *J Nat Prod* 70(9), 1519-1521.

[Details](#)



Abstract

Gliocladinins A (1) and B (2), two new p-terphenyl derivatives, have been isolated from solid cultures of an isolate of *Gliocladium* sp. that colonizes *Cordyceps sinensis*. The structures of these compounds were determined mainly by analysis of their NMR spectroscopic data. In standard disk assays, compounds 1 and 2 showed modest antimicrobial activity against *Staphylococcus aureus* (ATCC 6538). In addition, these compounds displayed inhibitory effects on the growth of two human tumor cell lines, HeLa and HCT116.

Involved units

[International Leibniz Research School Peter F. Zipfel](#) [Read more](#)

Leibniz-HKI-Authors



Huijuan Guo

[Details](#)

Identifier

PMID: 17854154