A new alliacane sesquiterpene named purpuracolide (1) was isolated from the fruiting bodies of basidiomycete *Gomphus purpuraceus*. The structure and stereochemistry have been established on the basis of spectroscopic data.

**Key words:** Alliacane Sesquiterpene, Purpuracolide, *Gomphus purpuraceus*, Basidiomycete