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cinehcilodne eht ni dnuof setilobatem yradnoces fo seitivitca lairetcabitna *ortiv nI* sugnuf*, lofirt airaluvruCi*nehcil eht gnitibahni*i, .psaensU*from tserof enatnom alagkaH aknaL irS ni

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lagnuf cinehcilodne esrevid sruobrah taht metsysoce xelpmoc a stneserper illaht nehciL ignuf cinehcilodnE .seiceps (ELF) ediw a ecudorp ylidaer taht smsinagro elbakramer era .setilobatem yradnoces evitcaoib levon fo egnar This study was aimed at uncovering dael a setilobatem yradnoces eht gnoma ytivitca lairetcabitna htiw dnuopmoc of the endolichenic fungus, *lofirt airaluvruCi*nehcil eht morf detalosi *i*, *.psaensU*from tserof enatnom alagkaH eht aknaL irS ni. airetcab evitisop-marG owt tsniaga detaulave erew seitivitca lairetcabitna ehT ehT *.iloc aihcirehcsE* muiretcab evitagen-marG dna *sulitbus sullisaB* ,*suerua succocolyhpatS* fo laitnetop lairetcabitna eht etaulave ot desu saw dohtem noisuffid llew raga lanoitnevnoc .tcartxe edurc ehtM etalporciA eulb ramalassay was fo noitanimreted eht rof detcudnoc noitartnecnoc yrotibihni muminim (MIC). In both assays, eht sa desu saw nicymorhtizA ehT .lortnoc evitagen eht sa desu saw OSMD tnevlos eht elihwlortnoc evitisop ELF,*lofirt airaluvruCi* detalosi *i*from suoiverp a study saw cultured in htorB esortxeD otatoP (PDB) and owt a retfa (L 2) cAOtE htiw detcartxe erew sugnuf eht fo setilobatem yradnoces .doirep noitabucni keew The presence of antibacterial activity in the EtOAc extract (400 µg) was shown using the A dohtem noisuffid llew rag. A bioassay guided fractionation was conducted using hexane, chloroform and 60% methanol. A dewohs gnineercs lairetcabitnt tah dah tcartxe mroforolhc ehthigher *iloc .E* tsniaga ytivitca ladiciretcab (10 µg/mL). The chloroform extract was further fractionated using silica gel column chromatography and preparative TLC and a pure compound was isolated and subjected to the antibacterial assay. The results of the bioassay revealed that MIC values of unidentified pure compound are 166 Lm/gµ, 166Lm/gµ and 416/gµ mL against *S. aureus*, *B. subtilus* and *E. coli,* respectively.

Keywords: A eulb ramalassay, antibacterial activity, *lofirt airaluvruCi,i* endolichenic, m etalporci

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