

# **Production and Secretion of 5-*n*-Alkylresorcinols by *Fusarium culmorum***

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*Fusarium culmorum*, 5-*n*-Alkylresorcinols,  
Resorcinolic Lipids

*Fusarium culmorum* F1 was found to produce and secrete into the culture medium several of 5-*n*-alkylresorcinols. The amount of resorcinolic lipids was 5.3 µg/g and 0.9 µg/l in mycelium and in post-culture liquid, respectively. First of all *F. culmorum* F1 produces saturated homologues with C<sub>15</sub> to C<sub>25</sub> side chains. The extract from the medium contained only homologues with shorter carbon chains (C<sub>13</sub> to C<sub>17</sub>).