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CYTOCHALASIN B FROM TOMATOES CONTAMINATED BY *HORMISCIUM* sp.

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Tomatoes contaminated by fungus identified as *Hormiscium* sp. [1] were extracted by acetone. The solvent was evaporated and residue diluted with water. The solution was further extracted by light petrol and $CHCl_3$. The residue from the $CHCl_3$ extract was separated by TLC giving a crystalline compound of molecular formula $C_{29}H_{37}NO_5$. The compound has m.p. 217°, $[\alpha]_D^{25}$ +84° (EtOH), M^+ 479, *m/e* 461, 443, 425, 396, 388, 370, 352, 334, 324, 91 (b.pc) UV 220 nm, (log ϵ, 4·65) inflections at 257, 265 and 269 nm. IR bands at 1720, 1685, 3400 cm^{-1} (KBr pellet). PMR given by δ values 8·20 (s), 7·20 (m) 0·90 and 0·65 (ds). All spectral data agree with those given for cytochalasin B[2] (phomin [3]). The isolated compound was identical by comparison with authentic sample.

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