

Obtencion y separacion de giberelinas lactonicas producidas pop el hongo gibberella fujikuroi para usarlas como estandares cromatograficos Obtencion y separacion de giberelinas lactonicas producidas pop el hongo gibberella fujikuroi para usarlas como esta

Contreras, Paola

Faini, Francesca

Rojas, Maria Cecilia

A simple separation method to obtain gibberellin standards is described. This includes isolation of the lactonic gibberellins GA₉, GA₄, GA₇ and GA₁₉ from *Gibberella fujikuroi* cultures by Chromatographic procedures and their structural characterization. Isolated gibberellins were derivatized as their methyl esters and identified by spectroscopic methods (1H NMR) as well as by co-chromatography with standards. 1H NMR spectra of methyl esters of isolated fungal gibberellins allowed identification of GA₄, GA₇ and GA₉ by comparison with described spectra.