Title: COMPOUNDS AND THEIR USE AS ANTAGONISTS OF JASMONATE PERCEPTION

Abstract: The invention provides compounds, methods and uses suitable for modifying the characteristics of a plant, seed, or plant grown from the seed, by inhibiting jasmonate-mediated processes in the plant. In particular the invention provides jasmonate analogs, or other structurally related analogs, which function as antagonists. These can be used, for example, for improving disease resistance against one or more biotrophic or hemi-biotrophic pathogens, or for improving resistance against abiotic stress.