

アルタナリア菌より単離した アルテルソラノール関連化合物

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Altersolanol-Related Compounds from the Culture Liquid of *Alternaria solani*

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ABSTRACT Two new crystalline pigments, 5-methylsulphonylmethylenealtersolanol A and 5-methylaltersolanol A, together with tetrahydroaltersolanol B, were isolated from the culture liquid of a strain of *Alternaria solani*, a pathogen of tomato *Lycopersicon esculentum*. Their structures have been established from spectroscopic studies, and the structures of 5-methylsulphonylmethylenealtersolanol A and 5-methylaltersolanol A shown to be 6-methoxy-5-methylsulphonylmethylene-3 β -methyl-1 β ,2 α ,3 α ,4 β ,8-pentahydroxy-1,2,3,4-tetrahydroanthraquinone and 6-methoxy-3 β ,5-dimethyl-1 β ,2 α ,3 α ,4 β ,8-pentahydroxy-1,2,3,4-tetrahydroanthraquinone, respectively.

抄録 トマトの病原菌であるアルタナリア菌から, 2種の新規化合物である 5-methylsulphonylmethylenealtersolanol A と 5-methylaltersolanol A を単離し, 化学構造を明らかにした.

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