

Alternaria solani 菌株中のアルテルソラノール
関連抗菌成分

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**Altersolanol-Related Antimicrobial Compounds from a
Strain of *Alternaria solani***

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ABSTRACT Four new altersolanol-related compounds, hydroxybostrycin, altersolanol G, altersolanol H and an atropisomer of alterporriol C, together with a mixture of alterporriol A and alterporriol B, have been isolated from the culture liquid of a strain of *Alternaria solani* obtained from a diseased *Lycopersicon esculentum*. Their structures have been established on the basis of spectral and chemical evidence. The structures of altersolanols G and H were shown to be 6-methoxy-1 β ,3 β -dimethyl-2 α ,3 α ,4 β ,8-tetrahydroxy-1,2,3,4-tetrahydroanthraquinone and 6-methoxy-3 β -methyl-2 β ,3 α ,4 β ,8-tetrahydroxy-1,2,3,4-tetrahydroanthraquinone, respectively.

抄録 トマトの病原菌である *Alternaria solani* 菌株の培養液から, 4 種の新規化合物であるヒドロキシボストリシン, アルテルソラノール G, H 及びアルテルポリオール C のアトロプ異性体と既知化合物のアルテルポリオール A, B の混合物を単離し, 構造決定を行った。