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Dehydroconicasterol and Aurantoic Acid, a Chlorinated Polyene Derivative, from the Indonesian Sponge *Theonella swinhoei*

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J. Nat. Prod., 2009, 72 (12), pp 2195-2198
 DOI: 10.1021/np900669d

Publication Date (Web): December 4, 2009
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History

Published In Issue
December 28, 2009

Article ASAP
December 04, 2009

Received: October 21, 2009

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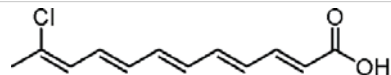
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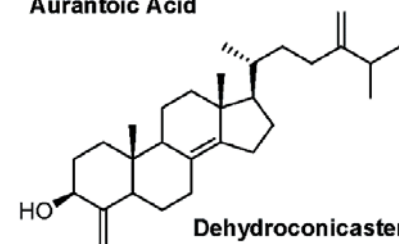
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Abstract



Aurantoic Acid



Dehydroconicasterol



The chlorinated polyene aurantoic acid (1) and the 4-methylene sterol dehydroconicasterol (2) were isolated from the Indonesian sponge *Theonella swinhoei*, and their structures were elucidated by interpretation of spectroscopic data. Aurantoic acid is a unique member in the class of naturally occurring conjugated polyene derivatives, while dehydroconicasterol is the likely biogenetic precursor of the major *Theonella* 4-methylene sterols.

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