

A Bioinspired Approach to Tricyclic Spiroacetal-fused gamma-Lactones

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A bio-inspired approach involving ring-contraction rearrangement of decanolides was developed for the synthesis of spiroacetal-fused γ -lactones and applied to the total synthesis of reported structures of cephalosporolides H and I and penisporolide B and their diastereomers.

