

Synthesis of Decaline Analogues of Isovelleral

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Decaline analogues of the bioactive fungal sesquiterpene (+)-isovelleral (**1a**), retaining the bicyclo[4,1,0]hept-2-en-1,2-dicarbaldehyde system, were prepared, and their cytotoxic and antimicrobial activities were compared with those of the natural product. While the two isomers (\pm)-**2** and (\pm)-**3** were as active as isovelleral (**1a**), the isomer (\pm)-**4** was approximately 10 times less potent.

Key words: Bioactive Sesquiterpenoids, Unsaturated 1,4-Dialdehydes, Isovelleral