

Direct Conversion of an *ortho*-Allylphenol into a Chlorosulfonyl-3-methyl-1,2-benzoxathiin 2,2-Dioxide

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Z. Naturforsch. **59b**, 1059 – 1062 (2004); received March 16, 2004

A one-pot synthesis of methyl 6-chlorosulfonyl-3-methyl-1,2-benzoxathiin-8-carboxylate 2,2-dioxide (**9**), characterized as its 6-(4-methylpiperazin-1-yl)sulfonyl derivative **10**, is achieved *via* direct reaction of methyl 3-allylsalicylate (**1**) with chlorosulfonic acid at -7°C . The latter reagent converts methyl 2-methyl-2,3-dihydrobenzofuran-7-carboxylate (**3**) into the respective 5-chlorosulfonyl derivative **7** (identified as its 5-(4-methylpiperazin-1-yl)sulfonyl derivative **8**), while contrary to literature reports, the aromatic δ -sultones **9**, **10** (anticipated to be produced from **3**) were not detected.

Key words: Methyl 3-Allylsalicylate, Chlorosulfonic Acid, 1,2-Benzoxathiin 2,2-Dioxide