Pergamon

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TETRAHEDRON
LETTERS

Corrigendum

Corrigendum to “Synthesis of C13–C22 fragment of the marine sponge polyketide callystatin A”

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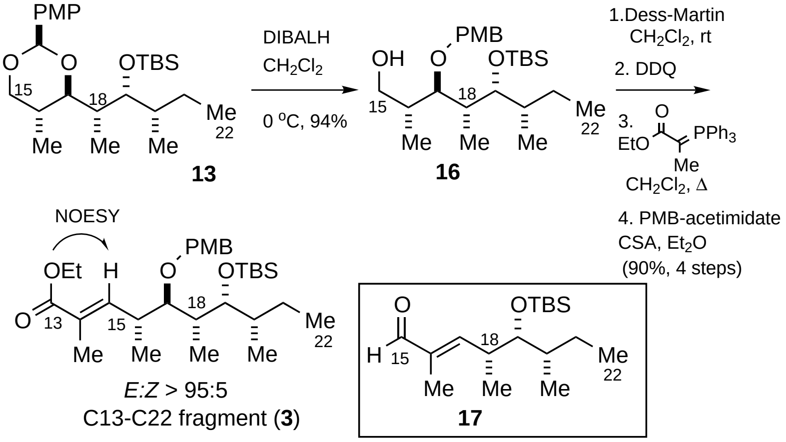
Selective DIBALH-mediated acetal cleavage in **13** gave the desired *p*-methoxybenzyl ether alcohol **16** in 94% yield with complete regioselectivity (Scheme 5).[14] Dess–Martin periodinane oxidation[15] of **16** under standard conditions followed by PMB removal, Wittig[10] type coupling with carboethoxyethylidene–triphenylphosphorane and reprotection of the secondary alcohol function gave α,β-unsaturated ester **3** (*E*:*Z*>95:5) in 90% overall yield for the four-step sequence, corresponding to the C13–C22 fragment of callystatin A. We have observed that the PMB-protected aldehyde derived from **16** is unreactive under the Wittig type coupling. Using this PMB-aldehyde we have observed starting material and elimination of the *p*-methoxybenzyl alcohol to give the corresponding α,β-unsaturated aldehyde **17**, even using refluxing CH_2Cl_2. The 14-step sequence from **6** to **3** proceeded in an overall yield of 42% and is amenable to a multigram scale-up.



Scheme 5.

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