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<p>æ°~è! (è±)</p>	<p>Abstract 1-Chloro-2-(1-chloro-3-trimethylsilyl-2-propynyl)-3-trimethylsilylcyclopropane i¼^18i¼‰ was stirred with silica gel and water at room temperature for three days to give hydroxyl-substituted adducts 19ã€ 20. Compound 18 was treated with 1 equivalent silver nitrate in wet THF solution to give substituted and eliminated adducts 23ã€ 24. After compound 19 was treated with 1 equivalent of tetrabutylammonium fluoride to give adduct 23. Compound 23 was treated with 1.2 equivalents of tetrabutylammonium fluoride at THF refluxing temperature to give 3-(1-hydroxyl-2-propynyl)cyclopropene, which was trapped by DPIBF. Compound 23 underwent coupling reaction with Pd(PPh3)4ã€ CuI at 0 â,,f to give diyne 30. Diyne 30 reacted with 2 equivalents of tetrabutylammonium fluoride at room temperature to give single and double eliminated products, 30a and 30b, which were trapped by DPIBF. Furthermore, compound 24, a diastereomer of compound 23, also underwent coupling reaction with Pd(PPh3)2Cl2ã€ CuI at 0 â,,f to give diyne 31.</p>
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