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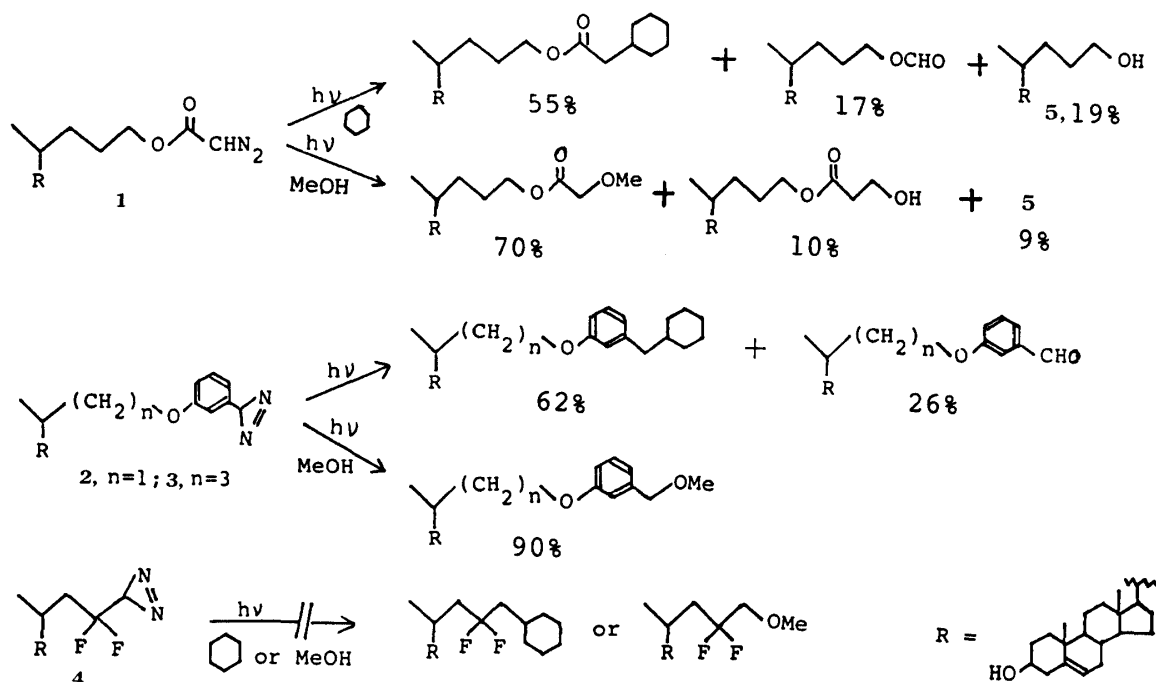
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Photochemical Reaction of Cholesterol Analogs with a Carbene-Generating Substituent on the Side Chain*

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The photoaffinity-labelled analogs of cholesterol, *i.e.* the diazoacetate **1**, the aryl-diazirines **2** and **3** and the fluorodiazirine **4** were photolysed in cyclohexane or methanol solution. The results illustrated below indicates that the compounds **1**–**3** gave effectively C–H or O–H insertion products, and therefore they would be promising probe for investigations on cholesterol-phospholipid interaction in artificial and/or biological membranes.



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