

Title	Photochemical reaction of cholesterol analogs with a carbene-generating substituent on the side chain
Sub Title	
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Publisher	共立薬科大学
Publication year	1985
Jtitle	共立薬科大学研究年報 (The annual report of the Kyoritsu College of Pharmacy). No.30 (1985.) ,p.88- 88
JaLC DOI	
Abstract	
Notes	抄録
Genre	Technical Report
URL	https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=AN00062898-00000030-0088

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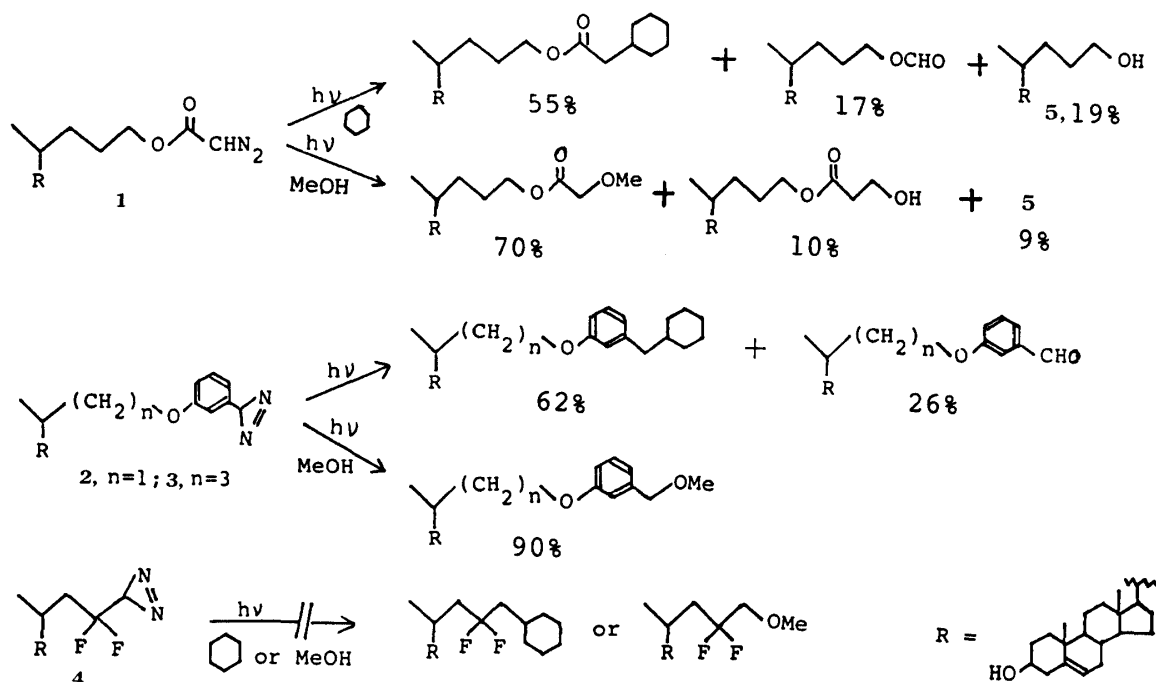
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Photochemical Reaction of Cholesterol Analogs with a Carbene-Generating Substituent on the Side Chain*

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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.



* 本報告は *Chem. Pharm. Bull.*, 34, 935–936 (1986) に発表

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