

quinoline derivatives

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The Photochemistry of Lomefloxacin. An Aromatic Carbene as the Key Intermediate in Photodecomposition.

— Irradiation of the antibiotic lomefloxacin (I) causes selective defluorination and yields products via nucleophile addition or intramolecular carbene C-H insertion and hydrogen transfer. The results may be of interest in medicinal studies concerning the toxic and carcinogenic/mutagenic activity. — (FASANI, E.; MELLA, M.; CACCIA, D.; TASSI, S.; FAGNONI, M.; ALBINI, A.; Chem. Commun. (Cambridge) (1997) 14, 1329-1330; Dip. Chim. Org., Univ. Pavia, I-27100 Pavia, Italy; EN)

