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Side Chain Substitution Reaction of 2-Arylsulfinyl and 2-Arylsulfonyl Intermediates for 1 β -Methylcarbapenems.

— Side chain substitution reactions of sulfoxide (I) and sulfone (IV) with a variety of mercaptans are effectively promoted by $\text{MgBr}_2 \cdot \text{Et}_2\text{O}$ to give the 1 β -methylcarbapenem derivatives (III) and (VI), respectively. — (ODA, K.; YOSHIDA, A.; Tetrahedron Lett. 38 (1997) 32, 5687-5690; Med. Chem. Res. Lab., Sankyo Co., Ltd., Shinagawa, Tokyo 140, Japan; EN)

