

Title (en)

PROCESS FOR SYNTHESIZING CARBAPENEM SIDE CHAIN INTERMEDIATES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ZWISCHENPRODUKTEN FÜR CARBAPENEM-SEITENKETTEN

Title (fr)

PROCEDE DE SYNTHETISATION D'INTERMEDIAIRES DE CARBAPENEM A CHAINE LATERALE

Publication

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Application

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Abstract (en)

[origin: WO9902531A1] A process of synthesizing a compound of formula (1) is described. A compound of formula (2) is reacted with diphenylphosphinic chloride to activate the carboxylic acid group, and then reacted with methanesulfonyl chloride to produce a compound of formula (4). Compound (4) is then reacted with a group II metal sulfide source in water to produce a compound of formula (1).

IPC 1-7

C07D 495/08; **C07D 207/12**

IPC 8 full level

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