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(54) Title: PROCESS FOR THE PREPARATION OF A BETA-LACTAM ANTIBIOTIC WITH MUTATED PENICILLIN ACYLASE

(57) Abstract: The invention relates to mutated penicillin acylases having a high synthesis/hydrolysis ratio in comparison with wild-type penicillin acylases and at least 1% of the activity. The invention also relates to a process for the enzymatic preparation of a β -lactam antibiotic from a β -lactam nucleus and an activated side chain with the aid of mutated penicillin acylases.



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