

The invention concerns the method for preparing amides, in which method substrate (nitril) is converted into proper amide with use of microorganisms of species *Amycolatopsis*, and also functionally equivalent mutants thereof, which have an ability to convert nitril into amide, or with use of ferment having a nitril hydratase activity and being obtained from the mentioned microorganisms. The invention also concerns the above mentioned ferment, which pH-optimum is of 6.5 ± 1.0 , temperature optimum at pH 7.0 is of 35-40°C the value of K_m for the substrate of 3-cyano pyridine is about 41.7 mM, and also strains of microorganisms of *Amycolatopsis* NA40 and *Amycolatopsis* NE31, which have the ability to convert nitril into amide.