

ABSTRACT OF THE DISCLOSURE

PROCESS FOR PRODUCING CYCLOALKANONE OXIMES

The present invention provides a process for producing a cycloalkanone oxime by conducting a continuous ammoximation reaction in the presence of a titanosilicate catalyst with supplying a cycloalkanone, hydrogen peroxide, ammonia and an organic solvent into the reaction system, wherein the reaction temperature is from 90°C to 120°C and the supplying amount of the organic solvent is not more than 2 times by weight of that of the cycloalkanone.