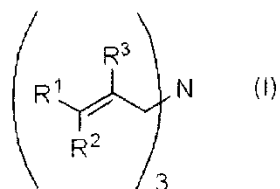


PROCESS FOR PRODUCING 3-METHYLTHIOPROPANAL

ABSTRACT

5 An object of the present invention is to provide a process capable of producing 3-methylthiopropenal with subgeneration of high-boiling impurities being favorably inhibited.

The present invention provides a process for producing
10 3-methylthiopropenal, comprising reacting acrolein with methylmercaptan in the presence of a triallylamine compound represented by the formula (I):



wherein each of R^1 to R^3 represents a hydrogen atom or an
15 alkyl group having 1 to 4 carbon atoms. The reaction of acrolein with methylmercaptan is preferably performed further in the presence of an organic acid. The triallylamine compound represented by the formula (I) is preferably used in an amount of from 0.01 to 1.0 mol based
20 on one mole of the organic acid and in an amount of from 0.1 to 2.0 mmoles based on one mole of methylmercaptan.