

ABSTRACT

The present invention relates to a production process capable of selectively producing various kinds of carbonate compounds without restraint in high yields without using toxic compounds such as phosgene and crown ethers, without producing corrosive gases such as hydrogen chloride as a by-product, and without necessity of removing the chloroform as a by-product by distillation, and to a method for producing a carbonate compound, containing reacting compound (1) with a compound having an OH group in the presence of a metal salt and 0.2 to 4.0 mol of compound (2) per mol of the metal salt to obtain a carbonate compound, in which m is an integer of 1-10, Q is an alkylene group having 1 to 4 carbon atoms, etc, and R¹⁰ and R¹¹ are alkyl groups having 1 to 5 carbon atoms, etc.

[Chem. 1]

