ABSTRACT

The present invention has as its object developing a method that does not involve genomic modification and which yet is capable of inducing cell death in pluripotent stem cells such as embryonic stem cells and induced pluripotent stem cells, as well as in differentiated cells other than cardiomyocytes derived from pluripotent stem cells, but not in cardiomyocytes. It has been revealed that by establishing a method capable of inducing cell death in cells other than cardiomyocytes in a very efficient manner by adding a substance having no recognized inherent toxicity or cell death inducing action to the culture conditions for pluripotent stem cells and non-cardiomyocytes, the stated problem can be solved without relying upon genomic modification.