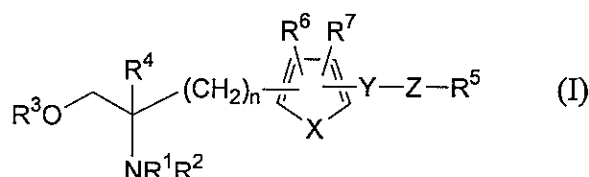


## Abstract

The present invention relates to amino alcohol derivatives or phosphonic acid derivatives having excellent immunosuppressive activity, pharmacologically acceptable salts thereof or pharmacologically acceptable esters thereof, and to pharmaceutical compositions comprising said compounds as an active ingredient:



[wherein,

$\text{R}^1$  and  $\text{R}^2$  each represent a hydrogen atom, or a protecting group of the amino group;

$\text{R}^3$  represents a hydrogen atom, or a protecting group of the hydroxyl group;

$\text{R}^4$  represents a lower alkyl group;

$n$  represents an integer of from 1 to 6;

$\text{X}$  represents an oxygen atom or a nitrogen atom unsubstituted or substituted with a lower alkyl group or the like;

$\text{Y}$  represents an ethylene group;

$\text{Z}$  represents a  $\text{C}_1$ - $\text{C}_{10}$  alkylene group;

$\text{R}^5$  represents an aryl group, or an aryl group substituted with substituents;

$\text{R}^6$  and  $\text{R}^7$  each represents a hydrogen atom; provided that when  $\text{R}^5$  represents a hydrogen atom, then  $\text{Z}$  represents a group other than a single bond or a straight chain  $\text{C}_1$ - $\text{C}_{10}$  alkylene group].