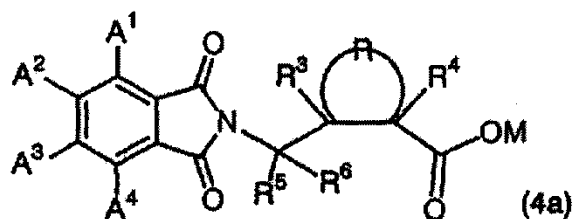


CYCLIC CARBOXYLIC ACID

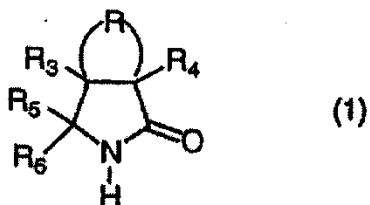
ABSTRACT

- 5 A carboxylic acid of the following formula (4a):



[in the formula (4a), R^1 , R^2 , R^3 and R^4 are hydrogen atoms and so on, A^1 , A^2 , A^3 and A^4 are hydrogen atoms and so on, R represents a methylene group and so on, and M represents a hydrogen atom or alkali metal atom]

- 10 is useful for producing a lactam of the following formula (1):



which is an intermediate compound of chemical raw materials and medical agricultural drugs.