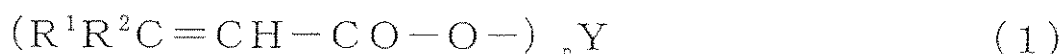


ABSTRACT

The present invention provides a nonaqueous electrolyte solution for a secondary battery, the nonaqueous electrolyte solution containing an electrolyte, a solvent, and an additive, in which the additive contains a compound represented by formula (1) below, and the content of the compound is 0.05% to 10% by mass relative to 100 parts by mass of the total of the solvent. A nonaqueous electrolyte secondary battery that uses the nonaqueous electrolyte secondary battery of the present invention has high charge-discharge characteristics from low temperatures to high temperatures and further has good high-temperature characteristics and good overcharge characteristics.

[Chem. 1]



(In the formula (1), R^1 and R^2 are each independently a hydrogen atom, a methyl group, or an amino group, n is 1, 2, or 4, when n is 1, Y is a hydrogen atom or a monovalent organic group, when n is 2, Y is a divalent organic group, and when n is 4, Y is a tetravalent organic group.)