CLAIMS

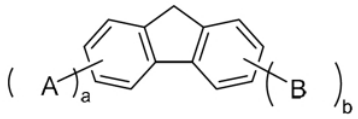
1. A compound obtained by reacting a compound represented by the following formula (1) with a compound represented by the following formula (2-1) and/or a compound represented by the following formula (2-2), wherein,

$(\beta 1+\beta 2)/\alpha$ is 1.8 or more and 2.1 or less, wherein

α is the number of moles of the compound represented by the formula (1),

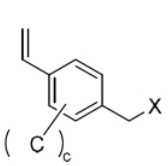
$\beta 1$ is the number of moles of the compound represented by the formula (2-1), and

$\beta 2$ is the number of moles of the compound represented by the formula (2-2):

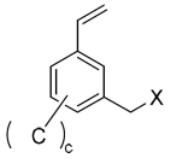


(1)

in the above formula (1), A and B each represent a hydrogen atom or a hydrocarbon group having 1 to 5 carbon atoms, and a and b each represent an integer of 1 to 4,



(2-1)

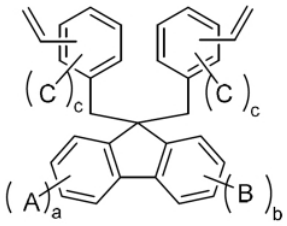


(2-2)

in the above formula (2-1), C represents a hydrogen atom or a hydrocarbon group having 1 to 5 carbon atoms, X represents a halogen element, and c represents an integer of 1 to 4,

in the above formula (2-2), C represents a hydrogen atom or a hydrocarbon group having 1 to 5 carbon atoms, X represents a halogen element, and c represents an integer of 1 to 4,

wherein the compound obtained is represented by the following formula (3):



(3)

in the above formula (3),

A, B, a, and b represent A, B, a, and b in the above formula (1), and

C and c represent C and c in the above formula (2-1) or (2-2).

2. The compound according to claim 1, wherein (β1+β2)/α is 1.8 or more and 1.95 or less.

3. The compound according to claim 1 for use in a printed wiring board.

4. The compound according to claim 1, having a dielectric dissipation factor of 0.0016 or less at a frequency of 10 GHz measured at 25°C.

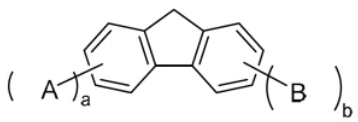
5. The compound according to claim 1, wherein β1/β2 is 0.5 to 25.

6. The compound according to claim 1, wherein β1/β2 is 0.8 to 3.0.

7. A curable resin composition comprising the compound according to claim 1.

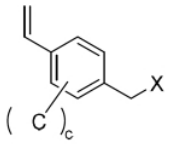
8. A cured product obtained by curing the compound according to any one of claims 1 to 6 or the curable resin composition according to claim 7.

9. A method for producing a compound represented by the following formula (3), comprising reacting a compound represented by the following formula (1) with a compound represented by the following formula (2-1) and/or a compound represented by the following formula (2-2) in the presence of a basic catalyst in an aprotic polar solvent:

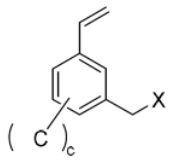


(1)

in the above formula (1), A and B each represent a hydrogen atom or a hydrocarbon group having 1 to 5 carbon atoms, and a and b each represent an integer of 1 to 4.



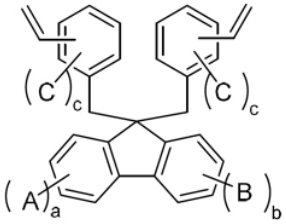
(2-1)



(2-2)

in the above formula (2-1), C represents a hydrogen atom or a hydrocarbon group having 1 to 5 carbon atoms, X represents a halogen element, and c represents an integer of 1 to 4,

in the above formula (2-2), C represents a hydrogen atom or a hydrocarbon group having 1 to 5 carbon atoms, X represents a halogen element, and c represents an integer of 1 to 4.



(3)

in the above formula (3),

A, B, a, and b represent A, B, a, and b in the above formula (1), and

C and c represent C and c in the above formula (2-1) or (2-2).