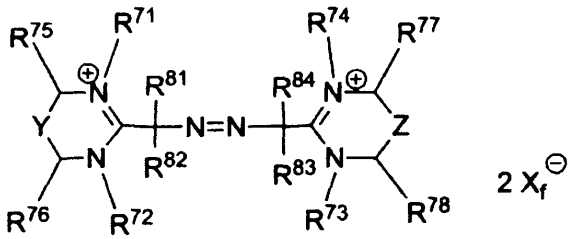
CLAIMS

1. A compound having a chemical structure represented by General formula (I):
[Chem.1]



(I)

[wherein

Y represents a single bond,

Z represents a single bond,

R^{72} and R^{73} are each independently selected from the group consisting of C_{1-6} alkyl group,

R^{75}, R^{76}, R^{77} and R^{78} are each independently selected from the group consisting of hydrogen atom and C_{1-6} alkyl group,

R^{81}, R^{82}, R^{83} and R^{84} are C_{1-4} alkyl group; and

R^{71} and R^{74} each independently are C_{1-3} alkyl group, and

X_f^- is counter anion].

2. The compound according to claim 1, wherein said R^{81}, R^{82}, R^{83}, and R^{84} are each independently selected from the group consisting of methyl group, ethyl group, and isobutyl group.

3. The compound according to claim 1 or 2, wherein said R^{71} and R^{74} are a methyl group.

4. The compound according to any one of claims 1 to 3, wherein said R^{72} and R^{73}, said R^{75} and R^{77}, said R^{76} and R^{78}, said R^{81} and R^{84}, said R^{82} and R^{83}, and said R^{71} and R^{74}, each represent an identical substituent.

5. The compound according to claim 1, wherein said R^{71}, R^{72}, R^{73}, R^{74}, R^{81}, R^{82}, R^{83}, and R^{84} are a methyl group, and said R^{75}, R^{76}, R^{77} and R^{78} are a hydrogen atom, and said Y and Z are a single bond.

6. A cationic polymerization initiator, comprising the compound according to any one of claims 1 to 5.

7. A method for producing an intracellular delivery vehicle, comprising performing radical polymerization reaction involving the cationic polymerization initiator according to claim 6, a monomer comprising carbon-carbon double bonds, and a crosslinker.