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(54) **DRUG-FLUOROPHORE COMPLEX FOR SPECIFIC DETECTION OF TUMOR CELLS**

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See application file for complete search history.

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(57) **ABSTRACT**

Disclosed is a drug-fluorophore complex for specific detection of tumor cells. Specifically, the drug-fluorophore complex includes a tumor cell-targeting drug penetrating tumor cells and non-tumor cells at different rates or levels, and a fluorescent substance chemically bonded to the tumor cell-targeting drug. The drug-fluorophore complex enables specific imaging of tumor cells only with high accuracy in a very simple manner without causing cytotoxicity.

**3 Claims, 13 Drawing Sheets**