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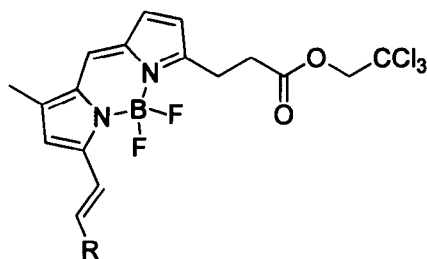
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(54) Title: BODIPY STRUCTURE FLUORESCENCE DYE FOR NEURAL STEM CELL PROBE



(I)

(57) Abstract: The present invention is directed to a fluorescence compound represented by structural Formula (I), with specificity to neural stem cells: I or a pharmaceutically acceptable salt thereof. The variables for structural Formula (I) are defined herein. Also described are methods for detection of neural stem cells, comprising using a compound of structural Formula (I) or pharmaceutically acceptable salts thereof. Compounds of structural Formula (I) can detect and separate neural stem cells without immunostaining, providing a much shorter and more convenient method for detection of neural stem cells.