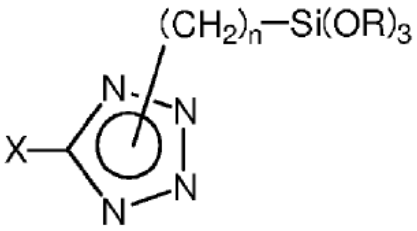
Claims

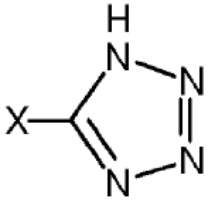
1. A tetrazole silane compound represented by the chemical formula (I):



（Ⅰ）

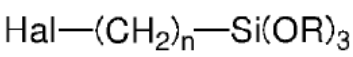
wherein X represents a linear or branched alkyl group having a carbon number of 1 to 12, an aryl group, an aralkyl group, an alkylthio group having a carbon number of 1 to 6, or an amino group; n represents an integer of 1 to 10; and R represents a methyl group or an ethyl group.

2. A synthesis method of the tetrazole silane compound described in claim 1, comprising reacting a tetrazole compound represented by the chemical formula (II) with a halogenated alkylsilane compound represented by the chemical formula (III):



（Ⅱ）

wherein X has the same meaning as described in claim 1; and



（Ⅲ）

wherein R and n have the same meanings as described in claim 1; and Hal represents a chlorine atom, a bromine atom or an iodine atom.