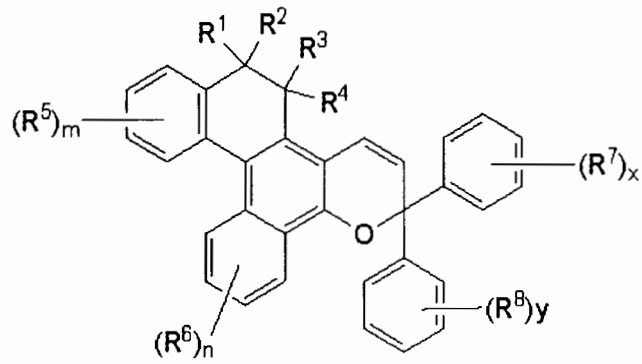
Abstract of the Invention

A chromene compound represented by the following formula (1),



(1)

wherein R^1, R^2, R^3 and R^4 are, respectively, hydrogen atoms, alkyl groups, aryl groups, or the like groups under a condition that at least two of R^1 to R^4 are not hydrogen atoms,

R^5, R^6, R^7 and R^8 are, respectively, alkyl groups, aryl groups or the like groups,

m and n are, respectively, integers of 0 to 4, and

x and y are, respectively, integers of 0 to 5.

The compound has a basic structure in which a 6-membered ring is condensed in a form of shearing a carbon atom at the fifth position and a carbon atom at the sixth position of a 2H-benzo[h]chromene skeleton. Owing to this molecular structure, the chromene compound of the invention develops a yellow color or a neutral tint by itself, exhibits favorable photochromic properties, and does not exhibit deteriorated photochromic properties even when it is used in combination with a photopolymerization initiator.