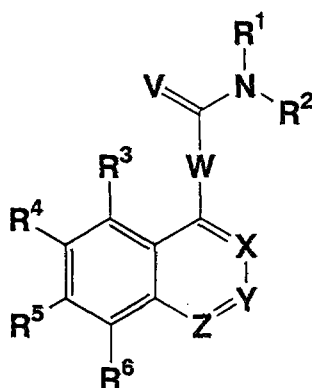


ABSTRACT

The present invention provides nitrogen-containing heterocyclic compounds and pharmaceutically acceptable salts thereof which inhibit phosphorylation of PDGF receptor to hinder abnormal cell growth and cell wandering and thus are useful for the prevention or treatment of cell-proliferative diseases such as arteriosclerosis, vascular reobstruction, cancer and glomerulosclerosis. The compounds are represented by general formula (I):



(I)

- wherein V represents an oxygen atom or a sulfur atom;
W represents 1,4-piperazinediyl or 1,4-homopiperazinediyl in which carbons on the ring may be substituted by unsubstituted alkyl groups;
X represents a nitrogen atom or C-R⁹;
Y represents a nitrogen atom or C-R⁸;
Z represents a nitrogen atom or C-R⁷ (provided that at least one of X, Y and Z represents a nitrogen atom);
R¹ represents a hydrogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted alicyclic alkyl group, etc.;
R² represents a substituted alkyl group, a substituted or unsubstituted alicyclic alkyl group, etc.;
R³, R⁴, R⁵ and R⁶, which may be the same or different, each represents a hydrogen atom, a halogen atom, a substituted or

unsubstituted alkyl group, a nitro group, a cyano group, -OR¹², -NR¹⁵R¹⁶, etc.;

R⁷ represents a halogen atom, etc.;

R⁸ has the same significance as R⁷, and

5 R⁹ represents a hydrogen atom or -COR⁴¹.