Abstract

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[Problem] Provided is a pharmaceutical composition for treating cancer in which one or more kinases of BTK, JAK3, and ITK is involved.

[Means for Solution] The present inventors studied compounds having a BTK inhibiting effect, a JAK3 inhibiting effect and an ITK inhibiting effect, and confirmed that a specific pyrazine carboxamide compound has the BTK inhibiting effect, the JAK3 inhibiting effect, and the ITK inhibiting effect, and that a pharmaceutical composition comprising the compound as an active ingredient has a therapeutic effect on cancer in which one or more kinases of BTK, JAK3 and ITK is involved, in another aspect, cancer in which BTK is overexpressed or activated, in another aspect, cancer in which a B cell receptor signal is activated, in still another aspect, cancer in which JAK3 is activation-mutated or activated, and in still another aspect, cancer in which ITK is activated, thereby completing the present invention.

[Selected Figure] Nil