

Mechanism of Action of Plinabulin in relation to **NON-SMALL CELL LUNG CANCER (NSCLC)**

Plinabulin is a Selective Immunomodulating Microtubule-Binding Agent (SIMBA)

PLINABULIN

Microtubule

Plinabulin binds to a pocket within β -tubulin

GEF-H1

GEF-H1 is released causing it to activate the JNK pathway

RhoA

ROCK

JNK

Directly induces tumor cell death

Dendritic cell

T Cell

Increased dendritic cell maturation, activation, and antigen presentation to CD8+ T cells

Increased tumor infiltration by CD8+ T cells and dendritic cells

Tumor Cells

