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(54) **Title:** NIK INHIBITORS CELL-BASED SCREENING ASSAY

(57) **Abstract:** The present invention relates to a cell-based assay for the screening and the identification of inhibitors of NIK protein. The method according to the present invention allows the identification of compounds that inhibit NIK activity related to the phosphorylation of IKK1. The assay combines the use of transfected Human Embryonic Kidney (HEK) cells with a non-radioactive, homogeneous proximity assay using an "acceptor" bead and a "donor" bead.

