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(54) Title: COMPOUNDS INCLUDING A MUTANT KRAS SEQUENCE AND A LIPID AND USES THEREOF

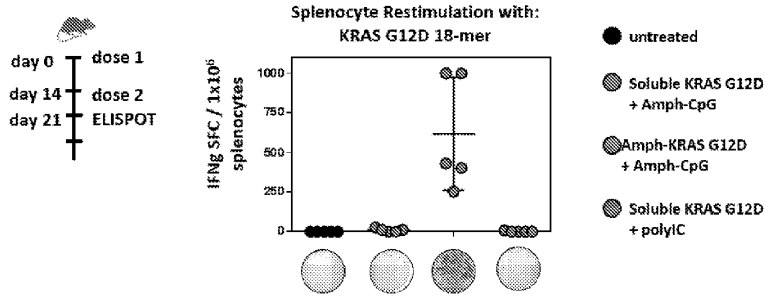


FIG. 1

(57) Abstract: The invention features a compound including a mutant KRAS sequence and a lipid, where the mutant KRAS sequence is conjugated to the lipid by a linker, and (i) the linker includes one or more polyethylene glycol blocks, (ii) the lipid is 1,2-distearoyl-sn-glycero-3-phosphoethanolamine (DSPE), and (iii) the mutant KRAS sequence comprises or consists of the amino acid sequence selected from the group consisting of SEQ ID NOs: 1-7 and 22-30. The invention features a composition including one or more compounds of the invention and a pharmaceutically acceptable carrier. The invention also features a method of treating a cancer in a human patient, the method including administering the composition to the patient. Further, the invention features a kit comprising the compound.

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