

Title (en)

DEPLETION OF CELLULAR COENZYME-A LEVELS AS A MEANS TO SELECTIVELY KILL CANCER CELLS

Title (de)

VERMINDERUNG VON INTRAZELLULÄREN COENZYM-A SPIEGELN ALS MITTEL ZUR SELEKTIVEN ABTÖTUNG VON KREBSZELLEN

Title (fr)

BAISSE DES NIVEAUX DE COENZYME A CELLULAIRE, UTILISEE EN TANT QUE MOYEN D'ELIMINER DE FA ON SELECTIVE DES CELLULES CANCEREUSES

Publication

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Application

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Abstract (en)

[origin: WO0134202A2] The invention describes a method to inhibit growth or kill cancer cells by acute depletion of free cellular Coenzyme A (CoA). This invention encompasses: any method to selectively decrease CoA in cancer cells by increasing the utilization of CoA and/or reducing its synthesis. As demonstrated herein, depletion of free CoA may be accomplished by inhibiting fatty acid synthase (FAS). This invention also includes depletion of free cellular Coenzyme A by interventions in addition to or alternative to FAS inhibition.

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