

**METHODS OF TREATING CANCER AND OTHER CONDITIONS OR
DISEASE STATES USING LFMAU AND LDT**

ABSTRACT

The present invention relates to the use of the compound according to formula (I), below for the treatment of tumors, cancer and hyperproliferative diseases, among other conditions or disease states: Where X is H or F; R^1 and R^2 are independently H, an acyl group, a $C_1 - C_{20}$ alkyl or ether group, a phosphate, diphosphate, triphosphate or a phosphodiester group, a (A) or (B) group; Where Nu is a radical of a biologically active compound such as an anticancer, antiviral or antihyperproliferative compound such that an amino group or hydroxyl group from said biologically active agent forms a phosphate, phosphoramidate, carbonate or urethane group with the adjacent moiety; each R^8 is independently H, or a $C_1 - C_{20}$ alkyl or ether group, preferably a $C_1 - C_{12}$ alkyl group; k is 0-12, preferably, 0-2; and pharmaceutically acceptable salts thereof.