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(54) Title: COMPOSITIONS COMPRISING 2'-DEOXYCYTIDINE ANALOGS AND USE THEREOF FOR THE TREATMENT OF SICKLE CELL DISEASE, THALASSEMIA, AND CANCERS

(57) Abstract: In one aspect, the disclosure relates to pharmaceutical compositions comprising 2'-deoxycytidine analogs, oral and other dosage formulations containing the same, and methods of making the same. In another aspect, the disclosure relates to methods of treating hematological disorders and diseases associated with abnormal cell proliferation using the same. In a still further aspect, the disclosure relates to kits comprising 2'-deoxycytidine analogs useful for treating hematological disorders and diseases associated with abnormal cell proliferation. In still another aspect, the disclosure relates to methods for increasing fetal hemoglobin levels in a subject. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present disclosure.



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