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(54) Title: TREATMENT OF RHEUMATOID ARTHRITIS WITH HYPOXIA-INDUCIBLE FACTOR 1α ANTAGONISTS

(57) Abstract: The invention encompasses a novel method of treating inflammatory disease, such as rheumatoid arthritis, and novel methods of identifying and screening for drugs useful in the treatment of inflammatory diseases and their clinical symptoms. The inventors have made the discovery that the activity of HIF-1α, a transcription regulator known to have an effect on some cancers, has a significant impact on the pathophysiology of rheumatoid arthritis. The symptoms of an inflammatory disease, such as rheumatoid arthritis, may be alleviated by administering a compound that inhibits the activity of HIF-1α.

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