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(54) Title: INHALABLE RECOMBINANT PROTEIN POWDER FORMULATION FOR TREATING GENETIC AND AUTOIMMUNE DISORDERS

(57) Abstract: The present invention relates to an inhalable dry powder formulation comprising a recombinant alpha-1-antitrypsin protein, a force control agent comprising di-leucine and tri-leucine in combination thereof, wherein the force control agent is present in an amount of at least 50% by weight of the formulation, and pharmaceutically acceptable excipients including a sodium salt and a non-reducing sugar or a sugar alcohol or a combination thereof.



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