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(54) Title: MODULATORS OF MESOTHELIAL ECM MOVEMENT

(57) Abstract: The present invention relates to a compound for use in a method for the modulation of movement of extracellular matrix (ECM) produced by mesothelial cells forming the surface of an internal organ, towards a site of injury of said organ of a subject suffering from or being at a risk of an injury of said organ. Additionally, the present invention relates to a compound for use in a particular in vivo screening method for identifying a modulator of movement of extracellular matrix (ECM) produced by mesothelial cells towards a site of injury of an internal organ of a subject. Further, the present invention relates to a specific in vitro screening method for identifying a modulator of the movement of ECM towards an external stimulus in a single cell suspension derived from the mesothelium.