

Title (en)  
PRODUCT AND PROCESS FOR REGULATING SIGNAL TRANSDUCTION PATHWAYS

Title (de)  
Produkt und Verfahren zur Regulierung von Signalübertragungswegen

Title (fr)  
PRODUIT ET PROCEDE DE REGULATION DES VOIES DE TRANSDUCTION DE SIGNAUX

Publication  
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Application  
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Abstract (en)  
[origin: WO9524915A1] Products and processes are disclosed for regulating signal transduction pathways in cells. One aspect of the invention relates to a peptide having a YXXLXXXXXXXXYXX psi amino acid motif that is useful in regulating the activity of tyrosine kinases, lipid kinases and adaptor molecules. A separate aspect of the present invention relates to a product and process for inhibiting signal transduction pathways in cells involving a peptide capable of binding to an SH3 domain of a tyrosine kinase, thereby blocking the binding and activation of an effector by the tyrosine kinase. Both the above compound and peptide composition can be useful in the treatment of medical disorders such as allergic responses, autoimmune diseases, inflammatory responses, cancer, immunodeficiency diseases, immunoproliferative diseases and diseases caused by viruses, such as EBV and BLV.

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