

Title (en)

NEPHRONIN: A SERIES OF COMPOUNDS FOR TREATMENT OF INFECTIOUS DISEASES AND CANCER

Title (de)

NEPHRONIN: EINE REIHE VON VERBINDUNGEN ZUR BEHANDLUNG VON INFEKTIONSKRANKHEITEN UND KREBS

Title (fr)

NEPHRONINE: SERIE DE COMPOSES DESTINES AU TRAITEMENT DE MALADIES INFECTIEUSES ET DU CANCER

Publication

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Application

EP 99966796 A 19991221

Priority

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Abstract (en)

[origin: WO0037421A1] The present invention provides a non-proteinaceous compound isolatable from the urine of patients suffering from steroid responsive nephrotic syndrome. The compound has the following characterising features; (i) a molecular weight less than 1 KDa; (ii) binds specifically to heparin and heparan sulphate but not other glycosaminoglycans; and (iii) inhibits LPS induced production of TNF- alpha and/or IL-1 alpha . The present invention also provides a compound of general formula: (I) in which l, m and n may be the same or different and integers of 0 to 10; and X is R-CO-O-, R-O-PO2-O-, R-O-SO2-O-, R-CO-NH-, R-CO-, R-O- or monosaccharide or oligosaccharide including amide substituted saccharides; in which R is a saturated, unsaturated, branched or cyclic carbon chain of up to 32 carbon atoms which optionally contains one or more hydroxyl groups, carbonyl groups, carboxylic acids groups, amino groups, phosphate groups or sulphate groups or combination thereof; and pharmaceutically acceptable salts and derivatives thereof.

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