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(54) **Title:** ALBUMIN BINDING PROBES AND DRUG CONJUGATES THEREOF

(57) **Abstract:** The present invention provides a long chain fatty acid (LCFA)-like albumin-binding probe/ligand containing no hydrolysable bond and having an enhanced associating affinity with human serum albumin, which upon conjugation with an amino- or mercapto-containing short-lived drug and administration of the conjugate, significantly prolongs the life time of said drug without substantially interfering with its pharmacological activity. The invention further provides conjugates of said probe with amino- or mercapto-containing drugs, as well as pharmaceutical compositions and uses thereof.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 893 821 A (SANDOZ LTD) 11 April 1962 (1962-04-11) claims; examples; compounds & DATABASE CA [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; "Flushed pigments in powder form", retrieved from STN Database accession no. 1962:456793 abstract	1-38
X	----- US 3 080 233 A (ROTH CURT B ET AL) 5 March 1963 (1963-03-05) claims; examples; compounds -/-	1-38



Further documents are listed in the continuation of Box C.



See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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