

Title (en)
COMPOUNDS, COMPOSITIONS AND METHODS FOR BINDING BIO-AFFECTING SUBSTANCES TO SURFACE MEMBRANES OF BIO-PARTICLES.

Title (de)
VERBINDUNGEN, ZUSAMMENSETZUNGEN UND METHODEN UM BIOLOGISCH AKTIVE SUBSTANZEN ANOBERFLÄCHENMEMBRANE VON BIOPARTIKELN ZU BINDEN.

Title (fr)
COMPOSES, COMPOSITIONS ET PROCÉDES PERMETTANT DE LIER DES SUBSTANCES BIO-ACTIVES AUX MEMBRANES DE SURFACE DE BIO-PARTICULES.

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Application
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Priority

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Abstract (en)
[origin: WO9311120A1] Compounds are provided having the capability of binding therapeutically active substances to lipid containing bio-compatible particles, such as cells or viruses. These compounds include a bio-affecting moiety, comprising a therapeutically active substance, which is linked via a linking moiety to at least one hydrocarbon substituent selected so that the compound is sufficiently non-polar to impart lipid binding capability to the compound. Thus, compounds of the invention are useful for site-selective delivery of therapeutic agents, and retention thereof at the selected site. Methods are provided for using various compounds of the invention in treatment of diseases or other pathological conditions. For example, methods are provided for treatment of: (1) post-angioplasty restenosis; (2) rheumatoid arthritis; (3) tumor cell proliferation, particularly tumor cells associated with ovarian cancer; and (4) psoriasis.

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C07D 277/64 (2006.01); **A61K 47/30** (2006.01); **A61K 47/48** (2006.01); **A61K 49/00** (2006.01); **A61K 51/00** (2006.01); **A61K 51/04** (2006.01); **A61K 51/08** (2006.01); **A61K 51/12** (2006.01); **C07C 235/14** (2006.01); **C07D 209/10** (2006.01); **C07D 209/24** (2006.01); **C07D 219/02** (2006.01); **C07D 263/56** (2006.01); **C07D 403/12** (2006.01); **C07D 495/04** (2006.01); **C07K 7/06** (2006.01); **C07K 17/02** (2006.01); **C08B 37/00** (2006.01); **C08B 37/10** (2006.01); **C09B 15/00** (2006.01); **C09B 23/00** (2006.01)

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- No further relevant documents disclosed
- See references of WO 9311120A1

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