

Title (en)  
POLYMERIC CONJUGATES POLYVALENTLY PRESENTING AN AGENT FOR THERAPY

Title (de)  
POLYMERE KONJUGATE DIE MEHRERE THERAPEUTISCHE MITTEL PRESENTIEREN

Title (fr)  
MOLECULES PRESENTANT UNE PLURALITE DE GROUPES FONCTIONNELS ACTIFS

Publication  
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Application  
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Abstract (en)  
[origin: WO9846270A2] Pharmaceutical compositions for polyvalently presenting an agent for therapy are described. The pharmaceutical compositions contain a polyvalent presenter. In one embodiment, the polyvalent presenter has a formula as follows: (Y)-(X-A)<sub>n</sub>, wherein Y is a framework, X is a direct bond or a linker, A is a presented functional group, and n is greater than ten and is an integer selected such that the presented groups can interact with a plurality of target binding sites. The composition also can include a pharmaceutically acceptable carrier. Alternatively, the presenter itself can serve as its own pharmaceutically acceptable carrier. Methods for treating diseases or conditions also are described. The methods involve administering to a subject a plurality of groups A such that the treatment occurs. The treatment occurs by the interaction of a polyvalent presenter with a plurality of target binding sites B. Other aspects of the invention include polyvalent presenters packaged with instructions for use in the aforementioned methods and methods for designing polyvalent presenters which are useful within the methods of this invention. The polyvalent presenters disclosed herein provide for specificity in binding, which has a number of advantages. Furthermore, the polyvalent presenters permit positive and negative interactions.

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