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United States Patent [19][11] **Patent Number:** **5,623,055****Stolowitz**[45] **Date of Patent:** **Apr. 22, 1997**[54] **PHENYLBORONIC ACID COMPLEXES
DERIVED FROM AMINOSALICYLIC ACID
FOR BIOCONJUGATE PREPARATION**[75] Inventor: **Mark L. Stolowitz**, Long Beach, Calif.[73] Assignee: **Prolinx, Inc.**, Redmond, Wash.[21] Appl. No.: **189,176**[22] Filed: **Jan. 28, 1994**[51] **Int. Cl.⁶** **C07F 5/02**[52] **U.S. Cl.** **530/391.1; 424/450; 530/345;
530/350; 530/341.7; 530/402; 558/288;
558/289**[58] **Field of Search** **558/288, 289;
424/450; 530/345, 350, 391.1, 391.7, 402**[56] **References Cited****U.S. PATENT DOCUMENTS**2,548,257 7/1951 Goldberg et al. .
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man[57] **ABSTRACT**The present invention relates to a novel class of bioconju-
gates derived from phenylboronic acid complexes, and the
method of making and using such bioconjugate complexes.
The complexes are in the form of the following general
formulas.