

专论综述

BORONIC ACIDS AS LIGANDS FOR AFFINITY CHROMATOGRAPHY

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摘要 A review on the principles and applications of boronic acids as affinity ligands for the chromatographic separation of carbohydrates, nucleic acid components, glycoproteins, and other small biomolecules. The mechanisms of interactions between boronate ligands and analytes are described. Various boronate ligands and supports are discussed. Examples of the use of boronate affinity chromatography for separation of each class of analytes are presented.

关键词 [boronic acids](#) [borate](#) [boronate](#) [boronate affinity chromatography](#) [separation of glycoproteins](#)

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Abstract

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Key words [boronic acids](#) [borate](#) [boronate](#) [boronate affinity chromatography](#) [separation of glycoproteins](#)

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