

## **HPLC Chiral Separations Utilising Macrocyclic Antibiotics – A Review**

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The separation of enantiomers with high performance liquid chromatography (HPLC) plays an important role in the pharmaceutical, environmental, and agricultural analysis and involves various types of chiral selectors. Vancomycin, Teicoplanin, Teicoplanin A<sub>2</sub>-2, Teicoplanin Aglycone, Ristocetin A and Avoparcin have been already used as chiral HPLC selectors for the separation of numerous enantiomers. This review aims at the characterisation of chemical properties of these antibiotics and their applications, the influence of chromatographic conditions on enantioselectivity and detectability of enantiomers with HPLC.