

# Determination of nitrendipine with $\beta$ -cyclodextrin modified carbon paste electrode

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Carbon paste electrodes modified with  $\beta$ -cyclodextrin have been investigated for voltammetric determination of nitrendipine. The immobilization of the  $\beta$ -cyclodextrin on the carbon paste leads to a modification of the electrode surface that causes a significant increase in the peak current of the nitrendipine reduction, probably due to formation of an inclusion complex between  $\beta$ -cyclodextrin and nitrendipine. This property was used with analytical purposes by developing a stripping differential pulse voltammetric (SDPV) method to determine nitrendipine.