

Electrochemical Characterization of Some Obesity Regulation N-Oleoylamides

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This work is devoted to the synthesis and electrochemical characterization of some oleoylamides.

The compounds were synthesized from oleic acid with 1,1'-carbonyldiimidazole (CDI) to give the oleyl-imidazol intermediate which reacted with the corresponding amines, according to the procedure described in [1]. The new oleoylamides were characterized by IR, MS, ¹H- and ¹³C-NMR spectra.

Electrochemical investigations were performed by cyclic, differential pulse voltammetry and rotating disk electrode.

The results obtained are in agreement with the previous characteristics obtained for a similar compound [2].

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References

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