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AMINO ESTERS OF NAPHTHOIC ACIDS

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The hydrochlorides of beta-di-ethyl amino ethyl alpha-napthoate and gamma-di-ethyl amino propyl alpha-napthoate have been prepared by the interaction of alpha-napthoyl chloride with the alcohols. The M. P.'s are 144° and 151° respectively. They are both soluble in water and the lower alcohols, and insoluble in benzine. These compounds show physiological activity as local anesthetics, comparable with cocaine but of low toxicity. The work covered in this paper is only a preliminary report. A series of the beta-napthoic acid derivatives as well as substituted napthoic acids is planned with comparative physiological tests.

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