

The invention relates to medicine and biochemistry, in particular to a method for evaluating the anti-inflammatory activity of biologically active substances.

Summary of the invention consists in preparing test samples of substances in 0.9% NaCl solution, into which a reaction medium is added, which contains 200...400 IU/L of trypsin in 0.05 M phosphate buffer with pH 7.4...7.8 to the final concentration of 180...360 IU/L, the mixtures are mixed and incubated at a temperature of 37°C, for 5-10 minutes, then 0.6...0.8 mM/L of N-benzoyl-L-arginine 4-nitroanilide hydrochloride solution in 0.05 M phosphate buffer with pH 7.4...7.8 is added to the final concentration of 0.12...0.16 mM/L, mixed and incubated at a temperature of 37°C, for 3 minutes, is measured the optical density of the mixture at a wavelength of 405...410 nm and is determined the proteases inhibition percentage of the test substances.

Claims: 1