

THE EFFECT OF PRESSURE ON THE SPONTANEOUS HYDROLYSIS OF
ACETYL PHOSPHATE MONO-ANION AND DI-ANION AND
OF ACETYL PHENYL PHOSPHATE MONO-ANION

G. DI SABATO, W. P. JENCKS, AND E. WHALLEY

N.R.C. No. 6804

THE EFFECT OF PRESSURE ON THE SPONTANEOUS HYDROLYSIS OF ACETYL PHOSPHATE
MONO-ANION AND DI-ANION AND OF ACETYL PHENYL PHOSPHATE MONO-ANION¹

G. DI SABATO,² W. P. JENCKS,² AND E. WHALLEY³

The spontaneous hydrolysis of acetyl phosphate mono-anion and di-anion and of acetyl phenyl phosphate has been studied in a number of ways in order to determine the mechanisms (1). The effect of pressure on the rates of reactions in solution has been used

¹Issued as contribution No. 146 from the Graduate Department of Biochemistry, Brandeis University, Waltham 54, Massachusetts, and as N.R.C. No. 6804 from the National Research Council, Ottawa, Canada. Supported in part by the National Cancer Institute of the National Institutes of Health (Grant C-3975, Training Grant CRT-5033) and the National Science Foundation.

²Graduate Department of Biochemistry, Brandeis University, Waltham 54, Massachusetts.

³Division of Applied Chemistry, National Research Council, Ottawa, Canada.