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## Effect of Elevated External Pressure on the Rate of the Diels-Alder Reaction of 9-Methylantracene with Acrylonitrile, Catalyzed by Gallium Chloride

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### Abstract

External pressure was found to similarly affect the rate of a gallium chloride-catalyzed Diels-Alder reaction between 9-methylantracene with acrylonitrile and a noncatalyzed reaction of 9,10-dimethyl-anthracene with acrylonitrile. The observation of equal activation volumes is consistent with the assumption that elevated pressure very weakly affects the bond energy in the  $n,\nu$  complex of acrylonitrile with gallium chloride.

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