

Russian Journal of General Chemistry 2002 vol.72 N1, pages 98-104

Solvent effect on the activation volume of the diels-alder reaction between tetracyanoethylene and trans, trans-1,4-diphenyl-1,3-butadiene

Kiselev V., Shikhaab M., Iskhakova G., Konovalov A.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The effect of increased hydrostatic pressure on the rate of the Diels-Alder reaction of tetracyanoethylene with trans, trans-1,4-diphenyl-1,3-butadiene at 25°C was studied to estimate the reaction volume and to show that it considerably varies with π -donor properties of the medium.

<http://dx.doi.org/10.1023/A:1015357731693>
