

Peracid induced ring opening of isoxazolidines. A mechanistic study. Ali, S. Asrof; Wazeer, Mohammed I. M.. Chem. Dep., King Fahd Univ. Pet. Miner., Dhahran, Saudi Arabia. Tetrahedron Letters (1992), 33(22), 3219-22.

Abstract

Conformational anal. and mechanistic study of peracid induced ring opening of several isoxazolidines have been carried out. The orientation of the nitrogen lone pair dictates the regiochem. of the ring opening which involves an intramol. kinetic deprotonation of a nitroxonium ion intermediate.