

(1) Regioselectivity in the reactions of diphenylnitrilimine with coumarin and chromone. Shawali, Ahmad S.; Eltawil, Bahgat A.; Albar, Hassan A.. Fac. Sci., King Abdulaziz, Jeddah, Saudi Arabia. Tetrahedron Letters (1984), 25(37), 4139-40. CODEN: TELEAY ISSN: 0040-4039. Journal written in English. CAN 101:229663 AN 1984:629663 CAPLUS (Copyright 2004 ACS on SciFinder (R))

Abstract

The cycloaddn. of diphenylnitrilimine with coumarin and chromone gave the cycloadducts I and II, resp. The structures of these products were based on elemental and spectral analyses and alternate synthesis. The orientations of the cycloaddn. are interpreted in terms of FMO theory.

