Carbazole derivatives

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A Facile Synthesis of Carvedilol, β-Adrenergic Blocking Agent, via a Key 5-Substituted-2-oxazolidinone Intermediate. — A novel access to the 5-substituted oxazolidinone (IV), key intermediate in carvedilol (V) synthesis, is described. Major advantage of this strategy is the prevention of interfering impurities. Noteworthy is the one-pot oxazolidinone formation from 1,2-azido alcohol (II) via aza-Wittig reaction. — (MADHUSUDHAN*, G.; KUMAR, B. A.; CHINTAMANI, U. S.; RAO, M. N.; UDAYKIRAN, D.; SURESH, T.; KUMAR, V. K.; MUKKANTI, K.; Indian J. Chem., Sect. B: Org. Chem. Incl. Med. Chem. 49 (2010) 5, 606-610 ; Inogent Lab. Pvt. Ltd., Hyderabad 500 076, India; Eng.) — H. Haber