benzimidazole derivatives

R 0200

Synthesis of 2-Azido-1-methylaminobenzimidazole (IV). — — (DYABLO, O. V.; POZHARSKII, A. F.; Chem. Heterocycl. Compd. (N. Y.) 35 (1999) 10, 1222-1224; Rostov State Univ., Rostov-on-Don 344090, Russia; EN) 33 - 120

$$\begin{array}{c} \begin{array}{c} \begin{array}{c} \text{H} \\ \text{N} \\ \text{N} \end{array} \end{array} \\ \begin{array}{c} \text{1. 30\% aq. H}_2\text{O}_2\text{, KOH, H}_2\text{O}, 25^{\text{a}_{\text{C}}} \\ \text{2. 80\% aq. H}_2\text{N}-\text{NH}_2\text{H}_2\text{O}, reflux} \end{array} \\ \begin{array}{c} \text{N} \\ \text{H} \\ \text{N} \end{array} \\ \begin{array}{c} \text{N} \\ \text{H} \\ \text{Me} \end{array}$$