din-3-yl-1,6-dihydro-pyrazolo[3,4-c]pyrazol-3-yl amine (12b). The mechanism supposed by us for the reaction is outlined in Scheme 2. This mechanism is in accordance with that proposed by El-Sayed *et al.*

[11].

The intermediate products were characterised by spectroscopic methods including IRS, NMR, mass spectra and microanalysis (Tables 1, 2).

Scheme 1.

Scheme 2.