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The synthesis of impurity A of terazosin

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Summary: *Impurity A of terazosine (IAT) was synthesized from 4-amino-2-chloro-6,7-dimethoxyquinazoline (ACDQ) and piperazine. The structure of IAT was confirmed by IR, MS and NMR (¹H NMR, ¹³C NMR, HSQC). The purity of IAT obtained was 99.31%, as determined by HPLC. The IAT synthesized was thus appropriate for use as a material for establishing IAT Reference Standard*