

指定薬物の同定に用いる市販試薬の品質検査の重要性

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**Importance of Quality Test for Commercial Reagent Used
for Identification of Designated Drugs**

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Summary

Mislabeled of a commercial sample used for identification of designated drugs was found to have occurred. We investigated the commercial reagent labeled as 1-benzyl-4-methylpiperazine (MBZP) chloride. TLC, HPLC, GC-MS, and NMR analyses strongly suggested that it was 1-benzyl-3-methylpiperazine, a structural isomer of MBZP.

Key words

Designated drug, 1-Benzyl-4-methylpiperazine, 1-Benzylpiperazine, 1-Benzyl-3-methylpiperazine, narcotics, TLC, HPLC-PDA, GC-MS, NMR