

## Emerging Designer Drug Monograph

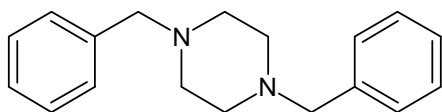
**Revision Date:** December 14, 2013

**Author(s):** Megan Record, Barry K. Logan

**Drug Name:** DBZP

**Synonyms:** Dibenzylpiperazine, 1,4-Dibenzylpiperazine

**Structure:**



**Formula:** C<sub>18</sub>H<sub>22</sub>N<sub>2</sub>

**Molecular Weight:** 266.4

**Pharmacological Drug Class:** DBZP is a piperazine derivative which has not been widely studied. DBZP is an active ingredient about 3% of the time among the party pills where people are obtaining a “legal high.” DBZP along with other piperazines usually exist in mixtures of tablets, capsules, and powders (1).

**Metabolism:** DBZP is produced as a byproduct in the synthesis reaction of BZP.

**Blood Concentrations:** No information available.

**Effects and Toxicity:** The toxicological effects of DBZP are relatively unknown.

**Analysis:** DBZP was analysed by GC-MS, HPLC-DAD, and LC-QTOF/MS (1)

**References:**

1. Byrska, B., Zuba, D. (2012) Prevalence and co-occurrence of active ingredients of ‘legal highs’. *Proceedings of the Society of Forensic Toxicologists*, P192.  
[http://soft-tox.org/files/meeting\\_abstracts/SOFT\\_2012\\_meeting\\_abstracts.pdf](http://soft-tox.org/files/meeting_abstracts/SOFT_2012_meeting_abstracts.pdf)