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Produktinformation

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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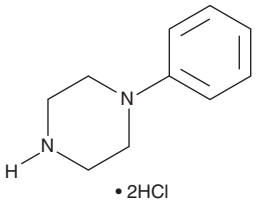
PRODUCT INFORMATION

Phenylpiperazine (hydrochloride)

Item No. 11203

CAS Registry No.: 4004-95-9
Formal Name: 1-phenyl-piperazine, dihydrochloride
MF: $C_{10}H_{14}N_2 \bullet 2HCl$
FW: 235.2
Purity: ≥98%
UV/Vis.: λ_{max}: 243 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥5 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

Phenylpiperazine is the base compound from which a broad series of bioactive products are derived. Many are entactogenic drugs which induce central serotonin release.[1-3] Substituted phenylpiperazines, such as 1-(3-chlorophenyl)piperazine, have been identified as designer drugs or drugs of abuse.[4,5] This product is intended for forensic applications.

References

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2. Baumann, M.H., Clark, R.D., Budzynski, A.G., *et al.* N-substituted piperazines abused by humans mimic the molecular mechanism of 3,4-methylenedioxymethamphetamine (MDMA, or 'Ecstasy'). *Neuropsychopharmacology* **30**, 550-560 (2005).
3. Hill, S.L. and Thomas, S.H. Clinical toxicology of newer recreational drugs. *Clin. Toxicol. (Phila)* **49**, 705-719 (2011).
4. Nagai, F., Nonaka, R., and Satoh Hisashi Kamimura, K. The effects of non-medically used psychoactive drugs on monoamine neurotransmission in rat brain. *Eur. J. Pharmacol.* **559(2-3)**, 132-137 (2007).
5. Arbo, M.D., Bastos, M.L., and Carmo, H.F. Piperazine compounds as drugs of abuse. *Drug Alcohol Depend.* **[In press]** 1-12 (2011).

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