

## Product Data Sheet

Product Name: 1-(3-Chlorophenyl)piperazine (hydrochloride)

Cat. No.: GC16031

### Chemical Properties

Cas. No. 13078-15-4

Chemical Name 1-(3-chlorophenyl)piperazine hydrochloride

SMILES ClC1=CC=CC(N2CCNCC2)=C1.Cl

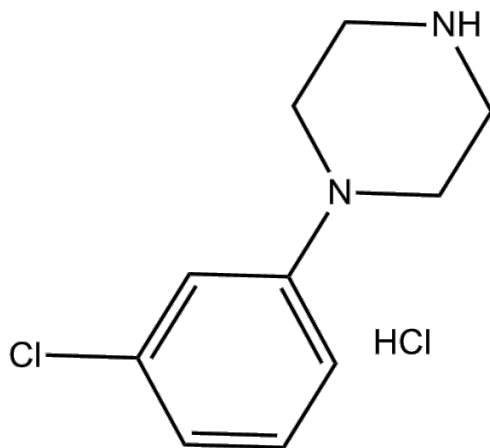
Formula  $C_{10}H_{13}ClN_2 \cdot HCl$  M.Wt 233.1

Solubility DMSO: 10 mg/ml, PBS (pH 7.2): 10 mg/ml Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



### Background

1-(3-Chlorophenyl)piperazine (*m*CPP) is a psychoactive compound which is commonly abused worldwide.<sup>1,2</sup> A phenylpiperazine, this compound has been extensively studied and found to produce diverse physiological and emotional effects.<sup>2,3,4</sup> This product is intended for forensic and research purposes.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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WARNING This product is not for human or veterinary use.

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