

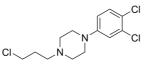
Certificate of Analysis

| Product Name: | 1-(3-Chloropropyl)-4-(3,4-dichlorophenyl)piperazine |
|----------------|--|
| Cat. No.: | CS-0865120 |
| CAS No.: | 101364-27-6 |
| Batch No.: | 313715 |
| Chemical Name: | Piperazine, 1-(3-chloropropyl)-4-(3,4-dichlorophenyl)- |

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: Molecular Weight: Storage: Chemical Structure:

C₁₃H₁₇Cl₃N₂ 307.65 2-8°C, protect from light



ANALYTICAL DATA

| Appearance: | Colorless to light yellow (Liquid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (HPLC): | 99.94% |
| Conclusion: | The product has been tested and complies with the given specifications. |

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

Tel: 610-426-3128

Fax: 888-484-5008

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

E-mail: sales@ChemScene.com