

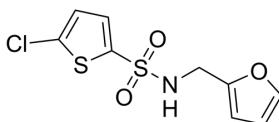
## Antimicrobial agent-14

Cat. No.: HY-148431  
CAS No.: 380576-68-1  
Batch No.: 267391  
Chemical Name: 2-Thiophenesulfonamide, 5-chloro-N-(2-furanylmethyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>9</sub>H<sub>8</sub>ClNO<sub>3</sub>S<sub>2</sub>  
Molecular Weight: 277.75  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
                                  -20°C     1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.83%  
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.**

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