

## MurA-IN-4

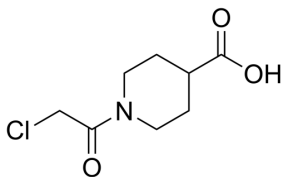
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Cat. No.: HY-21745  
CAS No.: 318280-69-2  
Batch No.: 25071  
Chemical Name: 4-Piperidinecarboxylic acid, 1-(2-chloroacetyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>8</sub>H<sub>12</sub>ClNO<sub>3</sub>  
Molecular Weight: 205.64  
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  
Purity (NMR): ≥98.0%  
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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