

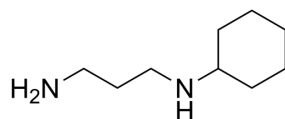
## N-(3-Aminopropyl)cyclohexylamine

Cat. No.: HY-W015514  
 CAS No.: 3312-60-5  
 Batch No.: 391128  
 Chemical Name: 1,3-Propanediamine, N1-cyclohexyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_9H_{20}N_2$   
 Molecular Weight: 156.27  
 Storage: 4°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 MS: Consistent with structure  
 Purity (GC): 99.37%  
 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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