

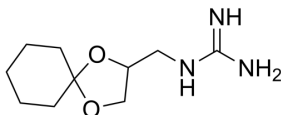
## Guanadrel

Cat. No.: HY-W376701  
CAS No.: 40580-59-4  
Batch No.: 239016  
Chemical Name: Guanidine, N-(1,4-dioxaspiro[4.5]dec-2-ylmethyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>10</sub>H<sub>19</sub>N<sub>3</sub>O<sub>2</sub>  
Molecular Weight: 213.28  
Storage: 4°C, sealed storage, away from moisture and light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Colorless to light yellow (Oil)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: 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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