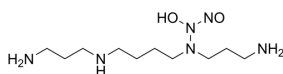


## Spermine NONOate

Cat. No.: HY-101394  
CAS No.: 136587-13-8  
Batch No.: 160107  
Chemical Name: 1,3-Propanediamine, N1-[4-[1-(3-aminopropyl)-2-hydroxy-2-nitrosohydrazinyl]butyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>10</sub>H<sub>26</sub>N<sub>6</sub>O<sub>2</sub>  
Molecular Weight: 262.35  
Storage: -80°C, protect from light, stored under nitrogen  
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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