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# Certificate of Analysis

## Amino-PEG8-amine

Cat. No.:	HY-130659
CAS No.:	82209-36-7
Batch No.:	309126
Chemical Name:	3,6,9,12,15,18,21,24-Octaoxahexacosane-1,26-diamine

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>18</sub> H <sub>40</sub> N <sub>2</sub> O <sub>8</sub>
Molecular Weight:	412.52
Storage:	4°C, protect from light
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

H<sub>2</sub>N~0~0~0~0~0~0~NH<sub>2</sub>

### ANALYTICAL DATA

Appearance:	Colorless to light yellow (Liquid)
<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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