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# Certificate of Analysis

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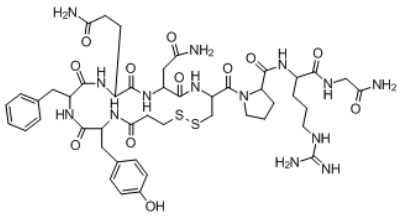
**Product Name** : Desmopressin
**Cat. No.** : PC-45192
**CAS No.** : 16679-58-6
**Batch No.** : PC-4519201
**Chemical Name** : Glycinamide, N-(3-mercapto-1-oxopropyl)-L-tyrosyl-L-phenylalanyl-L-glutaminyl-L-asparaginyl-L-cysteinyl-L-prolyl-D-arginyl-, cyclic (1→5)-disulfide

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 1069.217
**Molecular Formula** : $C_{46}H_{64}N_{14}O_{12}S_2$
**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** : Solid powder
**$^1$H NMR Spectrum** : Consistent with
**HPLC** : Consistent with
**NP** : Consistent with
**Purity (HPLC)** : >98%
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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