

## MSG606

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Cat. No.: HY-P1726  
CAS No.: 1416983-77-1  
Batch No.: 280283  
Chemical Name: Glycinamide, N-(4-mercapto-1-oxobutyl)glycyl-L-histidyl-D-phenylalanyl-L-arginyl-D-tryptophyl-L-cysteinyl-L- $\alpha$ -aspartyl-L-arginyl-L-phenylalanyl-, cyclic (1 $\rightarrow$ 6)-thioether

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>62</sub>H<sub>82</sub>N<sub>20</sub>O<sub>13</sub>S  
Molecular Weight: 1347.51  
Storage: Sealed storage, away from moisture and light, under nitrogen  
Powder -80°C 2 years  
-20°C 1 years  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

### Chemical Structure:

{Bua}GH-{d-Phe}-R-{d-Trp}-CDRFG-NH<sub>2</sub>  
(Carba sulfide bridge: Bua<sub>1</sub>-Cys<sub>7</sub>)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 98.25%  
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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