

## Motilin, canine

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Cat. No.: HY-P1541  
CAS No.: 85490-53-5  
Batch No.: 152606  
Chemical Name: L-Glutamine, L-phenylalanyl-L-valyl-L-prolyl-L-isoleucyl-L-phenylalanyl-L-threonyl-L-histidyl-L-seryl-L- $\alpha$ -glutamyl-L-leucyl-L-glutamyl-L-lysyl-L-isoleucyl-L-arginyl-L- $\alpha$ -glutamyl-L-lysyl-L- $\alpha$ -glutamyl-L-arginyl-L-asparagyl-L-lysylglycyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>120</sub>H<sub>194</sub>N<sub>36</sub>O<sub>34</sub>  
Molecular Weight: 2685.05  
Storage: Sealed storage, away from moisture  
Powder            -80°C      2 years  
                         -20°C      1 years  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:

FVPIFTHSELQKIREKERNKGQ

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 98.74%  
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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