

## CTCE-0214

Cat. No.:	HY-P3612
CAS No.:	577782-52-6
Batch No.:	325361
Chemical Name:	L-Aspartamide, L-lysyl-L-prolyl-L-valyl-L-seryl-L-leucyl-L-seryl-L-tyrosyl-L-arginyl-L-alanyl-L-prolyl-L-phenylalanyl-L-arginyl-L-phenylalanyl-L-phenylalanylglycylglycylglycylglycyl-L-leucyl-L-lysyl-L-tryptophyl-L-isoleucyl-L-glutamyl-L- $\alpha$ -glutamyl-L-tyrosyl-L-leucyl-L- $\alpha$ -glutamyl-L-lysyl-L-alanyl-L-leucyl-, (24 $\rightarrow$ 20)-lactam

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>170</sub> H <sub>254</sub> N <sub>44</sub> O <sub>40</sub>
Molecular Weight:	3554.11
Storage:	Sealed storage, away from moisture and light Powder                    -80°C        2 years -20°C        1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:

KPVLSYRAPFRFFGGGLKWIQIYLEKALN-NH<sub>2</sub> (Lactam: Lys<sub>20</sub>:Glu<sub>24</sub>)

### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	98.94%
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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