

Adropin (34-76) (human, mouse, rat)

Cat. No.:	HY-P4860
CAS No.:	1802086-30-1
Batch No.:	360846
Chemical Name:	L-Proline, L-cysteinyl-L-histidyl-L-seryl-L-arginyl-L-seryl-L-alanyl-L- α -aspartyl-L-valyl-L- α -aspartyl-L-seryl-L-leucyl-L-seryl-L- α -glutamyl-L-seryl-L-seryl-L-prolyl-L-asparaginyl-L-seryl-L-seryl-L-prolylglycyl-L-prolyl-L-cysteinyl-L-prolyl-L- α -glutamyl-L-lysyl-L-alanyl-L-prolyl-L-prolyl-L-prolyl-L-glutamyl-L-lysyl-L-prolyl-L-seryl-L-histidyl-L- α -glutamylglycyl-L-seryl-L-tyrosyl-L-leucyl-L-leucyl-L-glutamyl-, cyclic (1 \rightarrow 23)-disulfide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₉₀ H ₂₉₃ N ₅₅ O ₆₈ S ₂
Molecular Weight:	4499.82
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:

CHRSADYDLSBESSPHNSPFGPDKAPPKQPSHEGSYLLGP (Disulfide bridge: Cys1-Cys23)

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
LCMS:	Consistent with structure
Purity (LCMS):	99.87%
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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