

Adrenomedullin (AM) (13-52), human

Cat. No.:	HY-P1457
CAS No.:	154765-05-6
Batch No.:	317300
Chemical Name:	L-Tyrosinamide, L-seryl-L-phenylalanyl-glycyl-L-cysteinyl-L-arginyl-L-phenylalanyl-glycyl-L-threonyl-L-cysteinyl-L-threonyl-L-valyl-L-glutaminyl-L-lysyl-L-leucyl-L-alanyl-L-histidyl-L-glutaminyl-L-isoleucyl-L-tyrosyl-L-glutaminyl-L-phenylalanyl-L-threonyl-L- α -aspartyl-L-lysyl-L- α -aspartyl-L-lysyl-L- α -aspartyl-L-asparaginyl-L-valyl-L-alanyl-L-prolyl-L-arginyl-L-seryl-L-lysyl-L-isoleucyl-L-seryl-L-prolyl-L-glutaminyglycyl-, cyclic (4→9)-disulfide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₀₀ H ₃₀₈ N ₅₈ O ₅₉ S ₂
Molecular Weight:	4533.10
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:

SFGGRFGTCTYDKLAKHGTYGFTDKDKDYNAPRSKSPQGYNH₂ (Disulfide bridge: Cys4-Cys9)

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	99.16%
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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