

Kisspeptin-54(human)

Cat. No.:	HY-P1022
CAS No.:	374683-24-6
Batch No.:	252109
Chemical Name:	L-Phenylalaninamide, glycyl-L-threonyl-L-seryl-L-leucyl-L-seryl-L-prolyl-L-prolyl-L-prolyl-L- α -glutamyl-L-seryl-L-serylglycyl-L-seryl-L-arginyl-L-glutamyl-L-glutamyl-L-prolylglycyl-L-leucyl-L-seryl-L-alanyl-L-prolyl-L-histidyl-L-seryl-L-arginyl-L-glutamyl-L-iso-leucyl-L-prolyl-L-alanyl-L-prolyl-L-glutamylglycyl-L-alanyl-L-valyl-L-leucyl-L-valyl-L-glutamyl-L-arginyl-L- α -glutamyl-L-lysyl-L- α -aspartyl-L-leucyl-L-prolyl-L-asparaginyl-L-tyrosyl-L-asparaginyl-L-tryptophyl-L-asparaginyl-L-seryl-L-phenylalanyl-glycyl-L-leucyl-L-arginyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₅₈ H ₄₀₁ N ₇₉ O ₇₈
Molecular Weight:	5857.43
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:

GTSLSPPESSGSRQQPGLSAPHSRQIPA-
PQGAVLVQREKDLPNYNWNSFGLRF-NH₂

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	98.08%
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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