

Data Sheet

Product Name:	Human growth hormone-releasing factor	
Cat. No.:	CS-5901	
CAS No.:	83930-13-6	
Molecular Formula:	C215H358N72O66S	
Molecular Weight:	5039.65	Human growth hormone-releasing factor
Target:	Others	
Pathway:	Others	
Solubility:	H2O : 25 mg/mL (4.96 mM; Need ultrasonic and warming)	

BIOLOGICAL ACTIVITY:

Human growth hormone-releasing factor stimulates GH production and release by binding to the GHRH Receptor (GHRHR) on cells in the anterior pituitary. Sequence: Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-Gln-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH₂.

CAIndexNames:

L-Leucinamide, L-tyrosyl-L-alanyl-L- α -aspartyl-L-alanyl-L-isoleucyl-L-phenylalanyl-L-threonyl-L-asparaginyl-L-seryl-L-tyrosyl-L-arginyl-L-lysyl-L-valyl-L-leucylglycyl-L-glutaminy-L-leucyl-L-seryl-L-alanyl-L-arginyl-L-lysyl-L-leucyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-isoleucyl-L-methionyl-L-seryl-L-arginyl-L-glutaminy-L-glutaminyglycyl-L- α -glutamyl-L-seryl-L-asparaginyl-L-glutaminy-L- α -glutamyl-L-arginylglycyl-L-alanyl-L-arginyl-L-alanyl-L-arginyl-

SMILES:

[Human growth hormone-releasing factor]

Caution: Product has not been fully validated for medical applications. For research use only.

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