

Certificate of Analysis

H-Arg-Lys-OH (TFA)

Cat. No.:	HY-126487A
Batch No.:	310649
Chemical Name:	L-Arginyl-L-lysine compound with 2,2,2-trifluoroacetic acid (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₄ H ₂₇ F ₃ N ₆ O ₅
Molecular Weight:	416.40
Storage:	-20°C, protect from light, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

 $H_{2N} H_{1} H_{2N} H_{1} H_{1} H_{1} H_{2} H_{2} H_{1} H_{2} H_{2} H_{1} H_{2} H_$

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	99.86%
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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