# 

## Certificate of Analysis

## Forigerimod (TFA)

Cat. No.:	HY-105037A
Batch No.:	305784
Chemical Name:	L-Tyrosine, L-arginyl-L-isoleucyl-L-histidyl-L-methionyl-L-valyl-L-tyrosyl-L-seryl-L-lysyl-L-arginyl
	-O-phosphono-L-serylglycyl-L-lysyl-L-prolyl-L-arginylglycyl-L-tyrosyl-L-alanyl-L-phenylalanyl-L-i
	soleucyl-L-α-glutamyl- (TFA)

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>117</sub> H <sub>181</sub> N <sub>34</sub> O <sub>32</sub> PS.xC <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>	
Storage:	Sealed storage, away from moisture and light, under nitrogen	
	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, under	
	nitrogen)	

**Chemical Structure:** 

RIHMVYSKR-{pSer}-GKPRGYAFIEY (TFA salt)

### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	98.89%
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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