

## Delcasertib

**Cat. No.:** HY-106262  
**CAS No.:** 949100-39-4  
**Batch No.:** 32133  
**Chemical Name:** L-Arginine, L-cysteinyl-L-tyrosylglycyl-L-arginyl-L-lysyl-L-lysyl-L-arginyl-L-arginyl-L-glutaminy-L-arginyl-L-arginyl-, (1→1')-disulfide with L-cysteinyl-L-seryl-L-phenylalanyl-L-asparaginy-L-seryl-L-tyrosyl-L-α-glutamyl-L-leucylglycyl-L-seryl-L-leucine

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>120</sub>H<sub>199</sub>N<sub>45</sub>O<sub>34</sub>S<sub>2</sub>  
**Molecular Weight:** 2880.28  
**Storage:**

Powder	-80°C	2 years
	-20°C	1 years
In solvent	-80°C	6 months
	-20°C	1 month

**Chemical Structure:**

Sequence 1:Cys-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg  
 Sequence 1':Ser-Phe-Asn-Ser-Tyr-Glu-Leu-Gly-Ser-Leu  
 (Disulfide bridge:Cys1-Cys1')

### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**Purity (HPLC):** 98.21%  
**Nitrogen Content(N%):** 14.42%  
**Carbon Content(C%):** 38.10%  
**Hydrogen Content(H%):** 5.789%  
**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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