

Delcasertib (hydrochloride)

Cat. No.: HY-106262B
Batch No.: 80261
Chemical Name: L-Arginine, L-cysteinyl-L-tyrosylglycyl-L-arginyl-L-lysyl-L-lysyl-L-arginyl-L-arginyl-L-glutaminyll-arginyl-L-arginyl-, (1→1')-disulfide with L-cysteinyl-L-seryl-L-phenylalanyl-L-asparaginyll-seryl-L-tyrosyl-L-α-glutamyl-L-leucylglycyl-L-seryl-L-leucine, hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₂₀H₂₀₀ClN₄₅O₃₄S₂
Molecular Weight: 2916.74
Storage: Protect from light
Powder -80°C 2 years
-20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

Sequence 1: Cys-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg;
Sequence 1': Ser-Phe-Ala-Ser-Tyr-Glu-Leu-Gly-Ser-Leu
(Disulfide bridge: Cys-Cys;) (HCl salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
LCMS: Consistent with structure
Purity (LCMS): 98.11%
Peptide Content (%): 75.66%
Nitrogen Content(N%): 16.35%
Carbon Content(C%): 39.66%
Hydrogen Content(H%): 6.202%
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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