

Balixafortide (TFA)

Cat. No.: HY-P1682A
Batch No.: 257865
Chemical Name: Cyclo[L-alanyl-L-cysteinyl-L-seryl-L-alanyl-D-prolyl-(2S)-2,4-diaminobutanoyl-L-arginyl-L-tyrosyl-L-cysteinyl-L-tyrosyl-L-glutaminyl-L-lysyl-D-prolyl-L-prolyl-L-tyrosyl-L-histidyl], cyclic (2→9)-disulfide (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{86}H_{119}F_3N_{24}O_{23}S_2$
Molecular Weight: 1978.16
Storage: Sealed storage, away from moisture and light
Powder -80°C 2 years
 -20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:

Cyclo[ACSA-(D-Pro)-(Dab)-RYCYOK-(D-Pro)-PYH] (Disulfide bridge: Cys₂-Cys₉) (TFA)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
LCMS: Consistent with structure
Purity (LCMS): 99.78%
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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