

Vosoritide (acetate)

Cat. No.: HY-P3503A
Batch No.: 265598
Chemical Name: L-Cysteine, L-prolylglycyl-L-glutaminy-L- α -glutamyl-L-histidyl-L-prolyl-L-asparaginy-L-alanyl-L-arginyl-L-lysyl-L-tyrosyl-L-lysylglycyl-L-alanyl-L-asparaginy-L-lysyl-L-lysylglycyl-L-leucyl-L-seryl-L-lysylglycyl-L-cysteiny-L-phenylalanylglycyl-L-leucyl-L-lysyl-L-leucyl-L- α -aspartyl-L-arginyl-L-iso-leucylglycyl-L-seryl-L-methionyl-L-serylglycyl-L-leucylglycyl-, cyclic (23 \rightarrow 39)-disulfide (acetate)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{176}H_{290}N_{56}O_{51}S_3 \cdot C_2H_4O_2$
Molecular Weight: 4162.78
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:

PGQEHFNARKYKGANKKGLSKGCFGLKLDRIQSMGLGC
(Disulfide bridge:Cys23-Cys39) (Acetate salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
LCMS: Consistent with structure
Purity (LCMS): 99.40%
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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