

## Pancreatic polypeptide (TFA)

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Cat. No.: HY-P4060A  
Batch No.: 566918  
Chemical Name: Pancreatic polypeptide (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{185}H_{286}N_{52}O_{55}S_2 \cdot xC_2HF_3O_2$   
Molecular Weight: **4182.70 (free base)**  
Storage: Sealed storage, away from moisture  
Powder            -80°C        2 years  
                         -20°C        1 year  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:

Ala-Pro-Leu-Glu-Pro-Val-Tyr-Pro-Gly-  
Asp-Asn-Ala-Thr-Pro-Glu-Gln-Met-Ala-  
Gln-Tyr-Ala-Ala-Asp-Leu-Arg-Arg-Tyr-Ile-  
Asn-Met-Leu-Thr-Arg-Pro-Arg-Tyr-NH<sub>2</sub>  
(TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): **99.47%**  
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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