

## IRBP (1-20), human (TFA)

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Cat. No.: HY-P1587A  
Batch No.: 91184  
Chemical Name: L-Aspartic acid, glycyl-L-prolyl-L-threonyl-L-histidyl-L-leucyl-L-phenylalanyl-L-glutaminy-L-prolyl-L-seryl-L-leucyl-L-valyl-L-leucyl-L- $\alpha$ -aspartyl-L-methionyl-L-alanyl-L-lysyl-L-valyl-L-leucyl-L-leucyl- (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{103}H_{165}F_3N_{24}O_{30}S$   
Molecular Weight: 2308.62  
Storage: Sealed storage, away from moisture  
Powder            -80°C      2 years  
                         -20°C      1 years  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:

GPTHLFQPSLVLDMAKVLLD (TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): 98.55%  
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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