

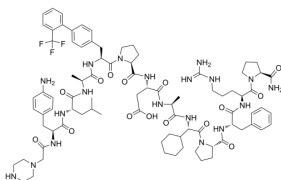
## Targefrin

**Cat. No.:** HY-P3717  
**Batch No.:** 413803  
**Chemical Name:** (S)-3-((S)-1-((2S,5S,8S,11S)-11-(4-Aminobenzyl)-8-isobutyl-5-methyl-4,7,10,13-tetraoxo-14-(piperazin-1-yl)-2-((2'-(trifluoromethyl)-[1,1'-biphenyl]-4-yl)methyl)-3,6,9,12-tetraazatetradecanoyl)pyrrolidine-2-carboxamido)-4-(((S)-1-(((S)-2-(((S)-1-(((S)-1-((S)-2-carbamoylpyrrolidin-1-yl)-5-guanidino-1-oxopentan-2-yl)amino)-1-oxo-3-phenylpropan-2-yl)carbamoyl)pyrrolidin-1-yl)-1-cyclohexyl-2-oxoethyl)amino)-1-oxopropan-2-yl)amino)-4-oxobutanoic acid

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>85</sub>H<sub>116</sub>F<sub>3</sub>N<sub>19</sub>O<sub>15</sub>  
**Molecular Weight:** 1700.94  
**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:



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**MS:** Consistent with structure  
**Purity (HPLC):** 99.45%  
**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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