

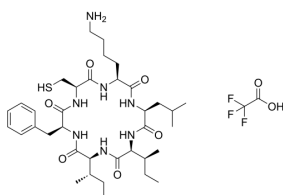
## Cyclo(CKLIIF) (TFA)

Cat. No.: HY-P10221A  
Batch No.: 547048  
Chemical Name: (3S,6R,9S,12S,15S,18S)-3-(4-Aminobutyl)-9-benzyl-12,15-di((S)-sec-butyl)-18-isobutyl-6-(mercaptoethyl)-1,4,7,10,13,16-hexaazacyclooctadecane-2,5,8,11,14,17-hexaone (TFA salt)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{38}H_{60}F_3N_7O_8S$   
Molecular Weight: 831.99  
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): 97.12%  
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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