

## Api137 (TFA)

Cat. No.: HY-P5723A  
Batch No.: 381538  
Chemical Name: (S)-2-((S)-2-((S)-1-((S)-2-((S)-1-((S)-1-((S)-2-((S)-1-((S)-2-((S)-1-((2S,3S)-2-((S)-2-((S)-1-((5S,8S,11S,14S)-8,11-Bis(2-amino-2-oxoethyl)-5-(3-aminopropyl)-3-(dimethylamino)-14-(3-guanidino propyl)-2-methyl-6,9,12-trioxo-2,4,7,10,13-pentaazapentadec-3-en-15-oyl)pyrrolidine-2-carboxamido)-3-methylbutanamido)-3-(4-hydroxyphenyl)propanamido)-3-methylpentanoyl)pyrrolidine-2-carboxamido)-5-guanidinopentanoyl)pyrrolidine-2-carboxamido)-5-guanidinopentanoyl)pyrrolidine-2-carboxamido)-3-(1H-imidazol-4-yl)propanoyl)pyrrolidine-2-carboxamido)-5-guanidinopentanoyl)-4-methylpentanoic acid compound with 2,2,2-trifluoroacetic acid (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{104}H_{171}N_{37}O_{22} \cdot xC_2HF_3O_2$   
Molecular Weight: 2291.71 (free acid)  
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:

N,N,N',N'-Tetramethylguanidino-(Orn)-  
Asn-Asn-Arg-Pro-Val-Tyr-Ile-Pro-Arg-  
Pro-Arg-Pro-Pro-His-Pro-Arg-Leu (TFA  
salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 98.96%  
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.**

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com  
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA