

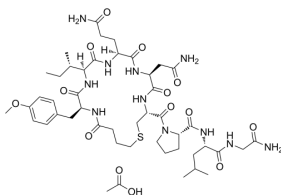
## Carbetocin (acetate)

Cat. No.: HY-17573A  
 CAS No.: 1631754-28-3  
 Batch No.: 246570  
 Chemical Name: (S)-1-((3R,6S,9S,12S,15S)-6-(2-amino-2-oxoethyl)-9-(3-amino-3-oxopropyl)-12-((S)-sec-butyl)-15-(4-methoxybenzyl)-5,8,11,14,17-pentaoxo-1-thia-4,7,10,13,16-pentaazacycloicosane-3-carbonyl)-N-((S)-1-((2-amino-2-oxoethyl)amino)-4-methyl-1-oxopentan-2-yl)pyrrolidine-2-carboxamide acetate

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{47}H_{73}N_{11}O_{14}S$   
 Molecular Weight: 1048.21  
 Storage: Sealed storage, away from moisture and light, under nitrogen  
 Powder            -80°C    2 years  
                          -20°C    1 years  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.86%  
 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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