

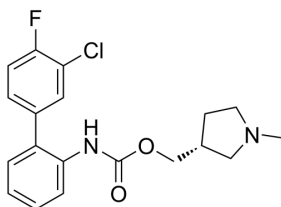
## Velufenacin

Cat. No.: HY-109196  
CAS No.: 1648737-78-3  
Batch No.: 129008  
Chemical Name: Carbamic acid, N-(3'-chloro-4'-fluoro[1,1'-biphenyl]-2-yl)-, [(3R)-1-methyl-3-pyrrolidinyl]methyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{19}H_{20}ClFN_2O_2$   
Molecular Weight: 362.83  
Storage: Powder -20°C 3 years  
4°C 2 years  
In solvent -80°C 6 months  
-20°C 1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.46%  
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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