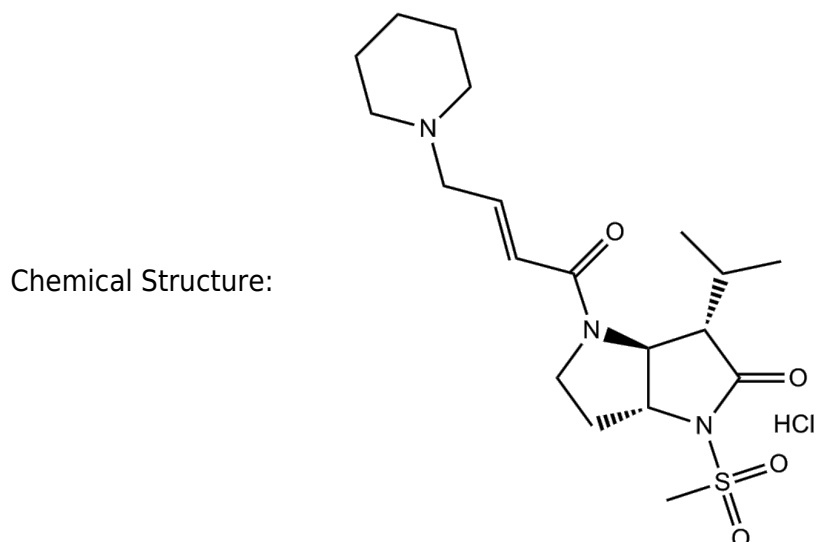


## Certificate of Analysis

Product Name: GW311616 hydrochloride  
Cat. No.: GC13851  
Batch No.: GC138511  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 197890-44-1  
Molecular Formula:  $C_{19}H_{32}ClN_3O_4S$   
Molecular Weight: 433.99  
Storage: Store at  $-20^{\circ}C$



### ANALYTICAL DATA

Appearance: A solid  
LCMS: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98.00%  
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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