

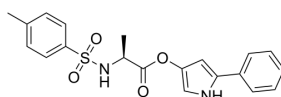
## 3-(N-Tosyl-L-alanyloxy)-5-phenylpyrrole

Cat. No.: HY-D0864  
 CAS No.: 99740-00-8  
 Batch No.: 317773  
 Chemical Name: L-Alanine, N-[(4-methylphenyl)sulfonyl]-, 5-phenyl-1H-pyrrol-3-yl ester  
 L-Alanine, N-[(4-methylphenyl)sulfonyl]-, 5-phenyl-1H-pyrrol-3-yl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{20}H_{20}N_2O_4S$   
 Molecular Weight: 384.45  
 Storage: 4°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.66%  
 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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