

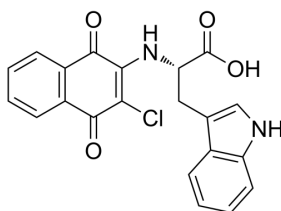
## Cl-NQTrp

Cat. No.: HY-138643  
 CAS No.: 185351-23-9  
 Batch No.: 145929  
 Chemical Name: L-Tryptophan, N-(3-chloro-1,4-dihydro-1,4-dioxo-2-naphthalenyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{15}ClN_2O_4$   
 Molecular Weight: 394.81  
 Storage: Powder -20°C 3 years  
 In solvent -80°C 6 months  
 -20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Brown to reddish brown (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.06%  
 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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