

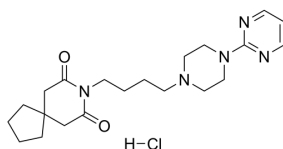
## Buspirone (hydrochloride)

Cat. No.: HY-B1115  
 CAS No.: 33386-08-2  
 Batch No.: 117103  
 Chemical Name: 8-Azaspiro[4.5]decane-7,9-dione, 8-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{32}ClN_5O_2$   
 Molecular Weight: 421.96  
 Storage: 4°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 1 year; -20°C, 6 months (sealed storage, away from moisture)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.99%  
 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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