

## Certificate of Analysis

Product Name: Bupivacaine hydrochloride monohydrate  
Cat. No.: GC28265  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 73360-54-0  
Molecular Formula:  $C_{18}H_{31}ClN_2O_2$   
Molecular Weight: 342.9  
Storage: Keep away from moisture

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >99.50%  
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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