

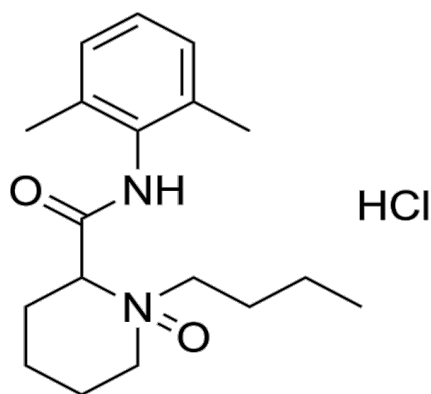
Certificate of Analysis

Product Name: Bupivacaine N-oxide hydrochloride
Cat. No.: GC79611
Batch No.: 1
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1796927-05-3
Molecular Formula: $C_{18}H_{29}ClN_2O_2$
Molecular Weight: 340.89
Storage: Store at room temperature, keep dry and cool

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: 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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA