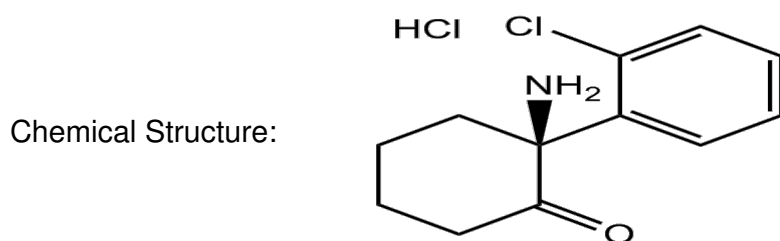


Certificate of Analysis

Product Name: Norketamine hydrochloride
Cat. No.: GC10574
Batch No.: 2
Chemical Name: (S)-2-amino-2-(2-chlorophenyl)cyclohexanone hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 79499-59-5
Molecular Formula: $C_{12}H_{14}ClNO \cdot HCl$
Molecular Weight: 260.16
Storage: $-20^{\circ}C$



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