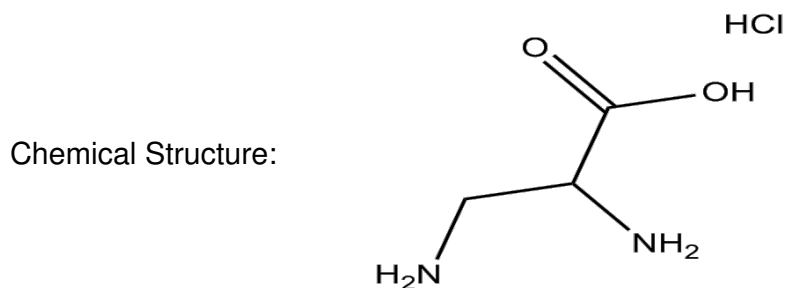


Certificate of Analysis

Product Name: H-Dap-OH•HCl
Cat. No.: GA10084
Batch No.: 1
Chemical Name: (2S)-2,3-diaminopropanoic acid;hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1482-97-9
Molecular Formula: $C_3H_8N_2O_2 \cdot HCl$
Molecular Weight: 140.6
Storage:



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