

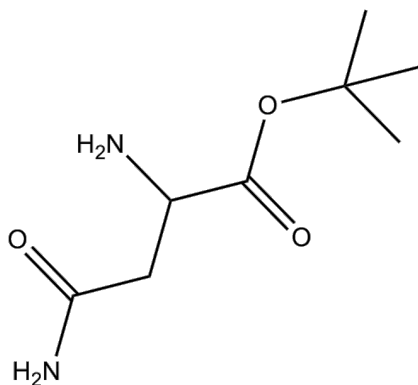
## Certificate of Analysis

Product Name: H-Asn-OtBu  
Cat. No.: GA10512  
Batch No.: 1  
Chemical Name: tert-butyl (2S)-2,4-diamino-4-oxobutanoate

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 25456-86-4  
Molecular Formula:  $C_8H_{16}N_2O_3$   
Molecular Weight: 188.2  
Storage:

Chemical Structure:



### ANALYTICAL DATA

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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