

---

**Certificate of Analysis**

---

Product Name: Z-Trp(Boc)-OH·DCHA  
Cat. No.: GA10685  
Batch No.: 1  
Chemical Name: N-cyclohexylcyclohexanamine;3-[1-[(2-methylpropan-2-yl)oxycarbonyl]indol-3-yl]-2-(phenylmethoxycarbonylamino)propanoic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 218938-57-9  
Molecular Formula:  $C_{24}H_{26}N_2O_6 \cdot C_{12}H_{23}N$   
Molecular Weight: 619.8  
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