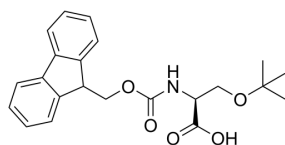


## Certificate of Analysis

**Product Name:** Fmoc-Ser(tBu)-OH  
**Cat. No.:** CS-W007941  
**CAS No.:** 71989-33-8  
**Batch No.:** 359922

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>22</sub>H<sub>25</sub>NO<sub>5</sub>  
**Molecular Weight:** 383.44  
**Storage:** Store at room temperature  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 99.97%  
**Water(KF):** 0.2%  
**Optical Rotation[a]:** 25.334° (C=0.01 g/ml EA)  
**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: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA