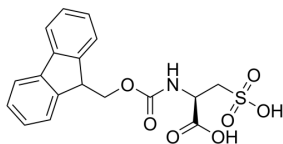


## Certificate of Analysis

**Product Name:** Fmoc-L-cysteic acid  
**Cat. No.:** CS-0149696  
**CAS No.:** 751470-47-0  
**Batch No.:** L448553  
**Chemical Name:** L-Alanine, N-[(9H-fluoren-9-ylmethoxy)carbonyl]-3-sulfo-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>18</sub>H<sub>17</sub>NO<sub>7</sub>S  
**Molecular Weight:** 391.40  
**Storage:** Store at room temperature  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to light yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**MS:** Consistent with structure  
**Enantiomeric Excess:** 99.34%  
**Purity (NMR):** ≥98.0%  
**Optical Rotation:** -11.1684° (C=1.0044g/100ml DMF)  
**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 F, Monmouth Junction, NJ 08852, USA