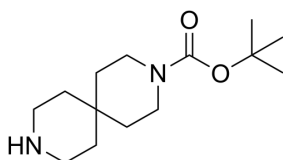


## Certificate of Analysis

**Product Name:** tert-Butyl 3,9-diazaspiro[5.5]undecane-3-carboxylate  
**Cat. No.:** CS-W008818  
**CAS No.:** 173405-78-2  
**Batch No.:** L848737  
**Chemical Name:** 3,9-Diazaspiro[5.5]undecane-3-carboxylic acid, 1,1-dimethylethyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>14</sub>H<sub>26</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 254.37  
**Storage:** 2-8°C, protect from light  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Off-white to light yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (GC):** 98.05%  
**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