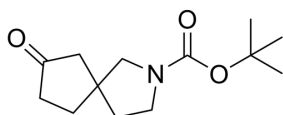


Certificate of Analysis

Product Name: tert-Butyl 7-oxo-2-azaspiro[4.4]nonane-2-carboxylate
Cat. No.: CS-0048133
CAS No.: 1319716-42-1
Batch No.: Lb0909313

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₃H₂₁NO₃
Molecular Weight: 239.31
Storage: Store at room temperature
Chemical Structure:



ANALYTICAL DATA

Appearance: White to light yellow (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (NMR): ≥97.0%
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