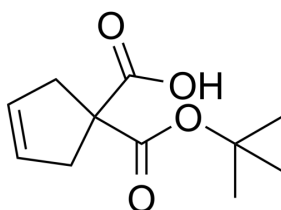


Certificate of Analysis

Product Name: 1-(tert-Butoxycarbonyl)cyclopent-3-ene-1-carboxylic acid
Cat. No.: CS-0100229
CAS No.: 635318-61-5
Batch No.: 43961
Chemical Name: 3-Cyclopentene-1,1-dicarboxylic acid, 1-(1,1-dimethylethyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₁H₁₆O₄
Molecular Weight: 212.24
Storage: Storage temp. 2-8°C
Chemical Structure:



ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (NMR): ≥98.0%
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