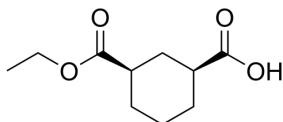


Certificate of Analysis

Product Name: (1S,3R)-3-(Ethoxycarbonyl)cyclohexanecarboxylic acid
Cat. No.: CS-0080223
CAS No.: 227783-08-6
Batch No.: Lf1019175966
Chemical Name: 1,3-Cyclohexanedicarboxylic acid, 1-ethyl ester, (1R,3S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀H₁₆O₄
Molecular Weight: 200.23
Storage: Storage temp. 2-8°C
Chemical Structure:



ANALYTICAL DATA

Appearance: Colorless to light yellow (Viscous liquid)
¹H NMR Spectrum: Consistent with structure
Purity (GC): 98.55%
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