Creative Enzymes®

Octadecanedioic Acid Mono-tert-butyl Ester

Cat. No. CEGZ-6665

Lot. No. (See product label)

Introduction

Description	Octadecanedioic Acid Mono-tert-butyl Ester is a mono-tert-butyl-protected long-chain dicarboxylic acid derivative used as a building block in peptide side-chain synthesis and related conjugation research.
Applications	Peptide side-chain and conjugation research Lipidation-related research Synthesis of protected long-chain carboxylic acid structures
Synonyms	18-(tert-Butoxy)-18-oxooctadecanoic acid; Mono-tert-butyl octadecanedioate; Boc-C16-COOH

Product Information

Appearance	White or off-white powder
CAS No.	843666-40-0
Molecular Formula	$C_{22}H_{42}O_4$
Molecular Weight	370.57
Purity	≥99.0%
Quality	Appearance: White or off-white powder Identification: Conforms Clarity of solution: Clear solution in DMF Purity: NLT 99.0% 18Diacid: NMT 0.2% 16Monoester: NMT 0.1% 14Monoester: NMT 0.1% Monoisopropyl octadecanedioate: NMT 0.1% Di-tert-butyl octadecanedioate: NMT 0.1% Other individual impurities: NMT 0.2% Water: NMT 0.5% Content: NLT 98.0% Residual solvents are controlled according to the established product specification. Batch-specific test results are provided in the corresponding Certificate of Analysis.
Notes	For research use only. Packaging can be arranged according to order quantity and project requirements.

Storage and Shipping Information

Storage	Store at room temperature under dry conditions.