

Hexadecanedioic Acid Mono-tert-Butyl Ester

Cat. No. CEGZ-6534

Lot. No. (See product label)

Introduction

Description

Hexadecanedioic Acid Mono-tert-Butyl Ester is a 99% pure, mono-protected C16 dicarboxylic acid intermediate with one free carboxyl group.

Applications

Protected long-chain linker synthesis Selective carboxyl coupling Peptide lipidation intermediate preparation Multistep organic synthesis

Synonyms

16-(tert-Butoxy)-16-oxohexadecanoic acid; Mono-tert-butyl hexadecanedioate

Product Information

CAS No.

843666-27-3

Molecular Formula

C₂₀H₃₈O₄

Chemical Name

16-(tert-Butoxy)-16-oxohexadecanoic acid

Molecular Weight

342.519

Purity

99%

Structure

Hexadecanedioic acid with one terminal carboxyl group protected as a tert-butyl ester

Composition

Mono-tert-butyl ester of hexadecanedioic acid

Function

Protected long-chain dicarboxylic acid building block

Grade

Research grade

Usage

For laboratory research and chemical synthesis only.