

Nonadecanedioic Acid Mono-tert-butyl Ester

Cat. No. CEGZ-6915

Lot. No. (See product label)

Introduction

Description

Nonadecanedioic acid mono-tert-butyl ester is a long-chain C19 dicarboxylic acid derivative with one free carboxylic acid and one tert-butyl ester. The tert-butyl group is readily removed by acidolysis, enabling sequential, selective functionalization of the two chain ends.

Applications

Used as an intermediate in the synthesis of fatty diacid side chains for peptide lipidation, long-chain linkers, and related pharmaceutical building blocks.

Synonyms

19-(tert-Butoxy)-19-oxononadecanoic acid; mono-tert-butyl nonadecanedioate

Product Information

CAS No.

1643852-37-2

Molecular Formula

C₂₃H₄₄O₄

Molecular Weight

384.6

Notes

For research and development use only.

Storage and Shipping Information

Storage

Store in a tightly closed container in a cool, dry place.