

Octadecanedioic Acid

Cat. No. CEGZ-6531

Lot. No. (See product label)

Introduction

Description Octadecanedioic Acid is a 99% pure long-chain α,ω -dicarboxylic acid with terminal carboxyl groups at both ends of an eighteen-carbon aliphatic chain.

Applications Long-chain dicarboxylic acid derivative synthesis Selective protection and deprotection studies Peptide side-chain and linker intermediate preparation Polyamide and polyester research Specialty material development

Synonyms 1,18-Octadecanedioic acid; Octadecane-1,18-dioic acid

Product Information

Appearance White to gray solid

Form Solid

CAS No. 871-70-5

Molecular Formula $C_{18}H_{34}O_4$

Chemical Name Octadecane-1,18-dioic acid

Molecular Weight 314.466

Purity 99%

Impurities Individual impurity: $\leq 0.5\%$ Total impurities: $\leq 1.0\%$

Structure Long-chain α,ω -dicarboxylic acid with an eighteen-carbon aliphatic backbone

Composition Octadecanedioic acid

Function Bifunctional long-chain carboxylic acid building block

Quality Identity: Conforms to reference standard Loss on drying: $\leq 1.0\%$ Residue on ignition: $\leq 0.5\%$

Grade Research grade

Usage For laboratory research and chemical synthesis only.

Storage and Shipping Information

Storage Store sealed and protected from light.