

Trimethyl ($\pm$)-N-Boc- α -phosphonoglycinate

Cat. No. CEGZ-6942

Lot. No. (See product label)

Introduction

Description

Trimethyl ($\pm$)-N-Boc- α -phosphonoglycinate is a protected glycine derivative bearing a dimethoxyphosphoryl group at the α -carbon, a Boc-protected amino group, and a methyl ester. It is supplied as the racemic mixture.

Applications

Used as a key reagent in the synthesis of dehydroamino acids and unnatural amino acid derivatives for peptide chemistry and medicinal chemistry research.

Synonyms

methyl N-Boc-2-(dimethoxyphosphoryl)glycinate; N-Boc- α -(dimethoxyphosphoryl)glycine methyl ester

Product Information

CAS No.

89524-98-1

Molecular Formula

C₁₀H₂₀NO₇P

Molecular Weight

297.24

Notes

For research and development use only.

Storage and Shipping Information

Storage

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