

(S)-3-Boc-2,2-dimethyloxazolidine-4-carboxylic Acid

Cat. No. CEGZ-50033

Lot. No. (See product label)

Introduction

Description

(S)-3-Boc-2,2-dimethyloxazolidine-4-carboxylic acid is a serine-derived, Garner-type oxazolidine building block in which the amino and hydroxyl functions of serine are masked within a 2,2-dimethyloxazolidine ring bearing a Boc group on the ring nitrogen and a free carboxyl group at the 4-position.

Applications

Used as a chiral building block in organic synthesis and medicinal chemistry for the preparation of amino alcohol derivatives, sphingolipid analogues, and pharmaceutical intermediates.

Synonyms

N-Boc-2,2-dimethyl-(S)-oxazolidine-4-carboxylic acid; (S)-3-(tert-butoxycarbonyl)-2,2-dimethyloxazolidine-4-carboxylic acid

Product Information

CAS No. 139009-66-8

Molecular Formula C₁₁H₁₉NO₅

Molecular Weight 245.27

Notes For research and development use only.

Storage and Shipping Information

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