

N-Boc-hydroxylamine

Cat. No. CEGZ-50001

Lot. No. (See product label)

Introduction

Description

N-Boc-hydroxylamine is a protected hydroxylamine derivative in which the nitrogen carries the tert-butoxycarbonyl group and retains a free N-hydroxyl function. It serves as a nucleophilic nitrogen-oxygen building block.

Applications

Used as a reagent and intermediate in organic synthesis and medicinal chemistry for the preparation of hydroxamic acids, hydroxylamine derivatives, and pharmaceutical intermediates.

Synonyms

tert-butyl N-hydroxycarbamate; N-(tert-butoxycarbonyl)hydroxylamine

Product Information

CAS No.

36016-38-3

Molecular Formula

C₅H₁₁NO₃

Molecular Weight

133.15

Notes

For research and development use only.

Storage and Shipping Information

Storage

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