

(2S,5R)-1-Boc-2,5-dimethylpiperazine

Cat. No. CEGZ-6963

Lot. No. (See product label)

Introduction

Description

(2S,5R)-1-Boc-2,5-dimethylpiperazine is a chiral, mono-protected 2,5-dimethylpiperazine derivative in which one ring nitrogen carries a Boc group, leaving the second nitrogen free for further functionalization. The two methyl substituents define a trans or cis chiral framework on the piperazine ring.

Applications

Used as a chiral building block in organic synthesis and medicinal chemistry for the preparation of pharmaceutical intermediates and bioactive compounds.

Synonyms

tert-butyl (2S,5R)-2,5-dimethylpiperazine-1-carboxylate; (2S,5R)-N-Boc-2,5-dimethylpiperazine

Product Information

CAS No.

548762-66-9

Molecular Formula

C₁₁H₂₂N₂O₂

Molecular Weight

214.30

Notes

For research and development use only.

Storage and Shipping Information

Storage

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