

N α -Fmoc-O-tert-butyl-L-seryl-L-threonine Pseudoproline Dipeptide

Cat. No. CEGZ-6917

Lot. No. (See product label)

Introduction

Description

N α -Fmoc-O-tert-butyl-L-seryl-L-threonine pseudoproline dipeptide is a dipeptide building block in which the threonine residue is cyclized into a 2,2-dimethyloxazolidine (pseudoproline) ring. The pseudoproline is stable to standard coupling conditions and is converted back to threonine during final acidolytic deprotection.

Applications

Used in solid-phase peptide synthesis of aggregation-prone, hydrophobic, or long peptide sequences to improve solvation of the growing chain and to increase overall synthesis efficiency.

Synonyms

Fmoc-Ser(tBu)-Thr(ψ(Me,Me)pro)-OH; Fmoc-protected serine-threonine dimethyl pseudoproline dipeptide

Product Information

CAS No. 1266350-99-5

Molecular Formula C₂₉H₃₆N₂O₇

Molecular Weight 524.6

Notes For research and development use only.

Storage and Shipping Information

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