Creative Enzymes®

Nα-Fmoc-glycyl-L-threonine Pseudoproline Dipeptide

Cat. No. CEGZ-50017

Lot. No. (See product label)

Introduction

Description	Nα-Fmoc-glycyl-L-threonine pseudoproline dipeptide is a dipeptide building block in which the threonine residue is cyclized into a 2,2-dimethyloxazolidine (pseudoproline) ring and the N-terminal glycine carries the Fmoc group. 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-Gly-Thr(psi(Me,Me)pro)-OH; Fmoc-protected glycine-threonine dimethyl pseudoproline dipeptide

Product Information

CAS No.	1262308-49-5
Molecular Formula	C24H26N2O6
Molecular Weight	438.5
Notes	For research and development use only.

Storage and Shipping Information

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