

D-Glutamic Acid α -tert-Butyl Ester

Cat. No. CEGZ-6922

Lot. No. (See product label)

Introduction

Description

D-Glutamic acid α -tert-butyl ester is the α -carboxyl protected form of the non-natural D-enantiomer of glutamic acid, with free α -amino and γ -carboxyl groups. The tert-butyl ester is stable to bases and nucleophiles and is cleaved under acidic conditions.

Applications

Used as a chiral building block in peptide synthesis and as a pharmaceutical intermediate for the preparation of D-glutamic acid derivatives and peptide analogues.

Synonyms

D-glutamic acid 1-tert-butyl ester; (R)-4-amino-5-(tert-butoxy)-5-oxopentanoic acid

Product Information

CAS No.

25456-76-2

Molecular Formula

C₉H₁₇NO₄

Molecular Weight

203.24

Notes

For research and development use only.

Storage and Shipping Information

Storage

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