

(R)-N-(3,5-Dinitrobenzoyl)- α -phenylglycine

Cat. No. CEGZ-50009

Lot. No. (See product label)

Introduction

Description

(R)-N-(3,5-Dinitrobenzoyl)- α -phenylglycine is a chiral aromatic carboxylic acid in which the amino group of (R)-phenylglycine is acylated with 3,5-dinitrobenzoyl chloride. The strongly electron-deficient aromatic ring provides pronounced π -acceptor character.

Applications

Used as a chiral resolving agent and chiral selector in enantiomer separation, analytical method development, and stereochemical studies.

Synonyms

(R)-N-(3,5-dinitrobenzoyl)phenylglycine; (R)-2-(3,5-dinitrobenzamido)-2-phenylacetic acid

Product Information

CAS No. 74927-72-3

Molecular Formula C₁₅H₁₁N₃O₇

Molecular Weight 345.26

Notes For research and development use only.

Storage and Shipping Information

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