

KAPA (hydrochloride)

Cat. No. CSUB-0828

Lot. No. (See product label)

Introduction

Description

An intermediate in the synthesis of biotin. Pimeloyl-CoA is transformed into AOP in the presence of L-alanine by the enzyme AOP synthase. The catalytic mechanism of AOP synthase has been studied for the elucidation of inhibitors as potential antimicrobial agents.

Applications

An intermediate in biotin biosynthesis

Synonyms

7-keto-8-Aminopelargonic Acid; 8-AMINO-7-OXO-NONANOIC ACID HCL; 8-AMINO-7-OXOPELARGONIC ACID, HYDROCHLORIDE; (7-Azabenzotriazol-1-yl)-N-oxy-tris(dimethylamino)phosphonium hexafluorophosphate; 8-Amino-7-oxononanoic acid hydrochloride; (8S)-8-Amino-7-oxo-nonanoic Acid Hydrochloride; AOP

Product Information

Form	Solid
CAS No.	177408-65-0
Molecular Formula	C ₉ H ₁₇ NO ₃ •HCl
Molecular Weight	223.7
Melting Point	134-136° C
Substrates	PKA
Refractive Index	1.63

Storage and Shipping Information

Storage	Store at -20° C
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