

DPP IV Inhibitor, K 579

Cat. No. CEI-0462

Lot. No. (See product label)

Introduction

Description

Cell-permeable. A potent, slow binding dipeptidyl peptidase IV inhibitor with IC50 values of 3, 5, 8, and 8 nM for rat, canine, human and monkey enzymes respectively. Acts as a long-acting hypoglycemic agent.

Synonyms

(2S)-1-[[[4-Methyl-1-(2-pyrimidinyl)-4-piperidinyl]amino]acetyl]-2-pyrrolidinecarbonitrile

Product Information

Appearance

Off-white solid

CAS No.

440100-64-1

Molecular Formula

C₁₇H₁₄F₃N₃O₂S

Chemical Name

(2S)-1-[[[4-Methyl-1-(2-pyrimidinyl)-4-piperidinyl]amino]acetyl]-2-pyrrolidinecarbonitrile

Molecular Weight

721.86

Purity

>98% by HPLC

Targets

DPP4

Solubility

DMSO (~ 10 mg/ml)

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack