

## 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** C<sub>17</sub>H<sub>14</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>S

**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