

Linagliptin

Cat. No. CEI-0461

Lot. No. (See product label)

Introduction

Description An antidiabetic agent. Acts as a potent inhibitor of dipeptidyl peptidase IV (DPP IV), an enzyme that breaks down glucagon-like peptide 1 (GLP-1). Prevents the inactivation of endogenous GLP-1 and GIP through competitive inhibition of the DPP IV enzyme.

Synonyms BI-1356

Product Information

Appearance White to off-white solid

CAS No. 668270-12-0

Molecular Formula C₂₅ H₂₆ N₈ O₂

Chemical Name 8-[(3R)-3-aminopiperidin-1-yl]-7-(but-2-yn-1-yl)-3-methyl-1-[(4-methylquinazolin-2-yl)methyl]-3,7-dihydro-1H-purine-2,6-dione

Molecular Weight 299.35

Purity >98% by TLC

Targets DPP4

Solubility DMSO

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack