

Sitagliptin Phosphate Monohydrate

Cat. No. CEI-0465

Lot. No. (See product label)

Introduction

Description An anti-diabetic (antihyperglycemic) drug of the dipeptidyl peptidase-4 (DPP-4) class. Inhibition of the enzyme DPP-4 is thought to increase Glucagon-like peptide-1 (GLP-1) which inhibits glucagon release, stimulates the insulin release and lowers blood glucose.

Synonyms MK-0431

Product Information

Appearance Off-white solid

CAS No. 654671-77-9

Molecular Formula $C_{16}H_{15}F_6N_5O \cdot H_3PO_4 \cdot H_2O$

Chemical Name 7-[(3R)-3-amino-1-oxo-4-(2,4,5-trifluorophenyl)butyl]-5,6,7,8-tetrahydro-3-(trifluoromethyl)-1,2,4-triazolo[4,3-a]pyrazine phosphate

Molecular Weight 486.61

Purity >95% by HPLC

Targets DPP4

Solubility DMSO or EtOH

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack