

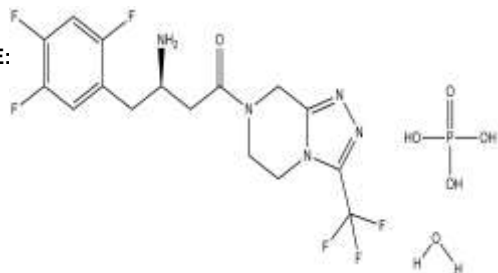
Sitagliptin Phosphate Monohydrate

ALTERNATE NAME: 7-[(3*R*)-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; MK-0431

CATALOG #: 1757-100, 1G

AMOUNT: 100 mg, 1 g

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₁₅F₆N₅O•H₃PO₄•H₂O

MOLECULAR WEIGHT: 523.32

CAS NUMBER: 654671-77-9

APPEARANCE: White solid

SOLUBILITY: DMSO (>100 mg/ml) or H₂O (>50 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C

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

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- Ciglitazone (Cat. No. 1695-5)
- Metformin, Hydrochloride (Cat. No. 1691-5G)
- Rosiglitazone (Cat. No. 1559-5, 100)
- Troglitazone (Cat. No. 1696-5)

FOR RESEARCH USE ONLY! Not to be used on humans.