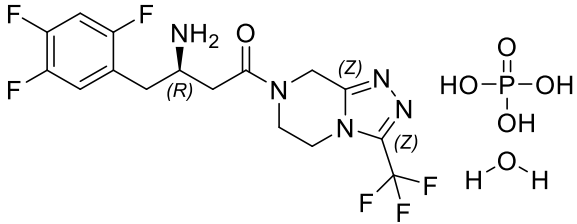




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
300146	Sitagliptin Phosphate Monohydrate	CRB41209

Chemical name	
(R)-3-amino-1-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butan-1-one Phosphate Monohydrate.	
Synonyms	
MK-0431; MK 0431; MK0431; Brande name: Januvia, Xelevia, Janumet	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 300146 Name: Sitagliptin Phosphate Monohydrate CAS#: 654671-77-9 Lot#: CRB41209 Chemical Formula: C ₁₆ H ₂₀ F ₆ N ₅ O ₆ P Molecular Weight: 523.32 <i>Sitagliptin (free base)</i> Chemical Formula: C ₁₆ H ₁₅ F ₆ N ₅ O Exact Mass: 407.11808; Molecular Weight: 407.31

Analysis item	Specifications / Results
Appearance	White solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO and water
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE