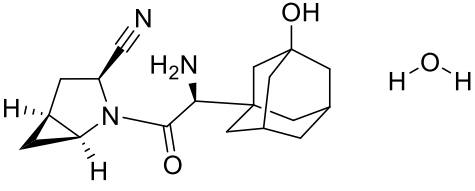




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
300120	Saxagliptin hydrate	TZC50305

Chemical name	
(1S,3S,5S)-2-((S)-2-amino-2-((1r,3R,5R,7S)-3-hydroxyadamantan-1-yl)acetyl)-2-azabicyclo[3.1.0]hexane-3-carbonitrile hydrate	
Synonyms	
BMS477118; BMS 477118; BMS-477118; Saxagliptin; brand name: Onglyza.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 300120 Name: Saxagliptin hydrate Lot# TZC50305 CAS#: 945667-22-1 Chemical Formula: C ₁₈ H ₂₇ N ₃ O ₃ Exact Mass: 315.19468 Molecular Weight: 333.43

Analysis item	Specifications / Results
Appearance	White to off-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
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