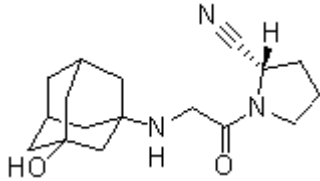


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
315140	Vildagliptin	TZC60614

Chemical name	
(S)-1-(2-(((1s,3R,5R,7S)-3-hydroxyadamantan-1-yl)amino)acetyl)pyrrolidine-2-carbonitrile	
Synonyms	
LAF237; LAF-237; LAF 237; DSP 7238; DSP-7238; DSP7238; Vildagliptin; trade name: ZOMELIS	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 315140 Name: Vildagliptin CAS#: 274901-16-5 Lot#: TZC60614 Chemical Formula: C ₁₇ H ₂₅ N ₃ O ₂ Exact Mass: 303.19468 Molecular Weight: 303.41

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
Self life	At least 5 years if properly stored.

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