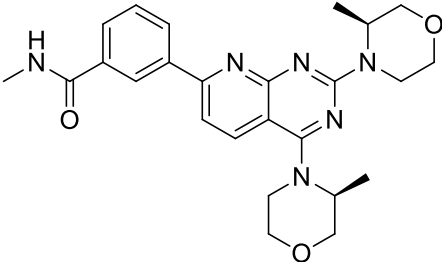




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
204520	Vistusertib	CRB51228

Chemical name	
3-[2,4-Bis((3S)-3-methylmorpholin-4-yl)pyrido[5,6-e]pyrimidin-7-yl]-N-methylbenzamide	
Synonyms	
AZD-2014; AZD2014; AZD 2014, Vistusertib.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 204520 Name: Vistusertib (AZD-2014) CAS#: 1009298-59-2 Lot#: CRB51228 Chemical Formula: C ₂₅ H ₃₀ N ₆ O ₃ Exact Mass: 462.23794 Molecular Weight: 462.54

Analysis item	Specifications / Results
Appearance	Yellow 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