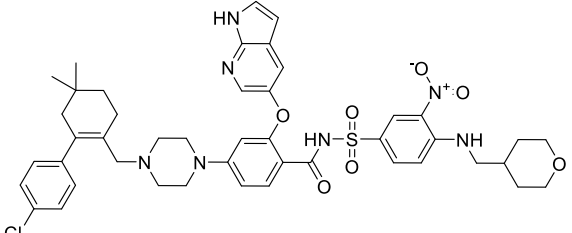




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205807	Venetoclax (ABT199)	A9T04K12

Chemical name	
4-(4-([2-(4-chlorophenyl)-4,4-dimethylcyclohex-1-en-1-yl]methyl)piperazin-1-yl)-N-({3-nitro-4-[(tetrahydro-2H-pyran-4-ylmethyl)amino]phenyl}sulfonyl)-2-(1H-pyrrolo[2,3-b]pyridin-5-yloxy)benzamide	
Synonyms	
ABT199; ABT-199; ABT 199; GDC0199; GDC0199; GDC 0199; RG7601; RG7601; RG 7601. Venetoclax	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205807 Name: Venetoclax (ABT199) CAS#: 1257044-40-8 Lot#: A9T04K12 Chemical Formula: C ₄₅ H ₅₀ ClN ₇ O ₇ S Exact Mass: 867.3181 Molecular Weight: 868.44

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%
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