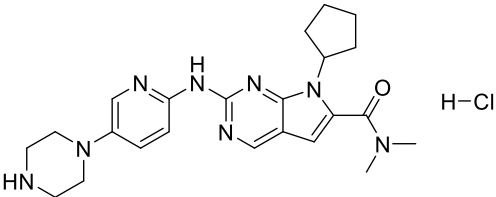




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206739	Ribociclib HCl	A7T12K01

Chemical name	
7-cyclopentyl-N,N-dimethyl-2-((5-(piperazin-1-yl)pyridin-2-yl)amino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide hydrochloride	
Synonyms	
Ribociclib hydrochloride; LEE011; LEE-011. LEE 011.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206739 Name: Ribociclib HCl CAS#: 1211443-80-9 (HCl) Lot# A7T12K01 Chemical Formula: C ₂₃ H ₃₁ ClN ₈ O Molecular Weight: 471.01

Analysis item	Specifications / Results
Appearance	Yellow solid powder 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