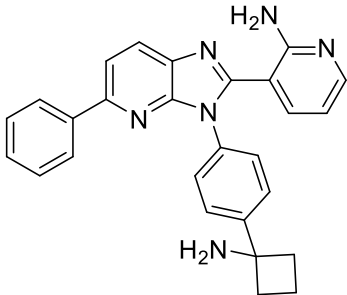




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200281	Miransertib free base	C9R03B29

Chemical name	
3-(3-(4-(1-aminocyclobutyl)phenyl)-5-phenyl-3H-imidazo[4,5-b]pyridin-2-yl)pyridin-2-amine	
Synonyms	
ARQ092; ARQ-092; ARQ 092; Miransertib	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 200281 Name: Miransertib free base CAS#: 1313881-70-7 (free base) Lot#: C9R03B29 Chemical Formula: C ₂₇ H ₂₄ N ₆ Exact Mass: 432.2062 Molecular Weight: 432.531

Analysis item	Specifications / Results
Appearance	Off white to Yellow 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