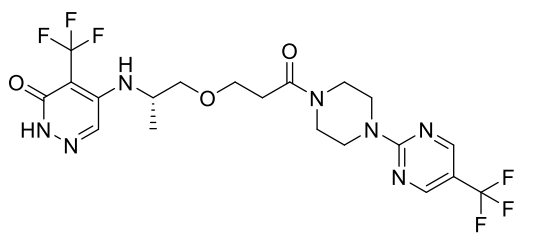




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
462554	RBN-2397	C21R02B04

Chemical name	
(S)-5-((1-(3-oxo-3-(4-(5-(trifluoromethyl)pyrimidin-2-yl)piperazin-1-yl)propoxy)propan-2-yl)amino)-4-(trifluoromethyl)pyridazin-3(2H)-one	
Synonyms	
Atamparib; RBN-2397; RBN 2397; RBN2397	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 462554 Name: RBN-2397 CAS#: 2381037-82-5 Lot#: C21R02B04 Chemical Formula: C ₂₀ H ₂₃ F ₆ N ₇ O ₃ Exact Mass: 523.1767 Molecular Weight: 523.44

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
Shelf life	At least 5 years if properly stored.

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