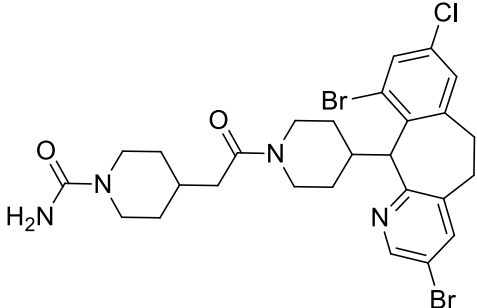




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201760	Lonafarnib	SMC20721

Chemical name	
4-(2-(4-(8-Chloro-3,10-dibromo-6,11-dihydro-5H-benzo(5,6)cyclohepta(1,2-b)pyridin-11-yl)-1-piperidinyl)-2-oxoethyl)-1-piperidinecarboxamide	
Synonyms	
SCH 66336; SCH-66336; SCH66336; Lonafarnib; US brand name: Sarasar.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Code#: 201760 Name: Lonafarnib CAS#: 193275-84-2 Lot#SMC20721 Chemical Formula: C ₂₇ H ₃₁ Br ₂ ClN ₄ O ₂ Exact Mass: 636.05023 Molecular Weight: 638.82

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)	>98.0%
Solubility	Soluble in DMF,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