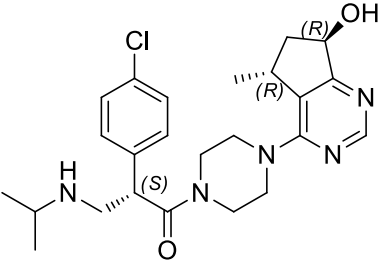


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
205467	Ipatasertib (GDC0068)	TZC50415

Chemical name	
(S)-2-(4-chlorophenyl)-1-(4-((5R,7R)-7-hydroxy-5-methyl-6,7-dihydro-5H-cyclopenta[d]pyrimidin-4-yl)piperazin-1-yl)-3-(isopropylamino)propan-1-one	
Synonyms	
GDC-0068; GDC0068; GDC 0068; RG7440; RG-7440; RG 7440; Ipatasertib	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#:205467 Name: Ipatasertib (GDC-0068) CAS#: 1001264-89-6 Lot# TZC50415 Chemical Formula: C ₂₄ H ₃₂ ClN ₅ O ₂ Exact Mass: 457.22445 Molecular Weight: 458.00

Analysis item	Specifications/ Results
Appearance	Pale 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
Self life	At least 5 years if properly stored.

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