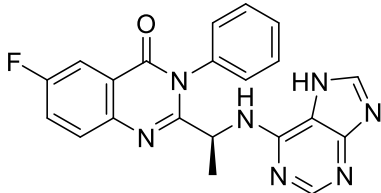




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205966	Acalisib	C9R07B23

Chemical name	
(S)-2-(1-((7H-purin-6-yl)amino)ethyl)-6-fluoro-3-phenylquinazolin-4(3H)-one	
Synonyms	
GS-9820; GS9820; GS 9820; CAL120; CAL 120; CAL-120; Acalisib	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205966 Name: Acalisib CAS#: 870281-34-8 Lot#: C9R07B23 Chemical Formula: C ₂₁ H ₁₆ N ₇ O Exact Mass: 401.14004 Molecular Weight: 401.4

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	Solubility 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