

Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206945	Copanlisib HCl	S8S05C02

Chemical name			
5-Pyrimidinecarboxamide, 2-amino-N-(2,3-dihydro-7-methoxy-8-(3-(4-morpholinyl)propoxy)imidazo(1,2- C)quinazolin-5-yl)-, hydrochloride (1:2)			
Syno	onyms		
Copanlisib HCl; Copanlisib dihydrochloride; BAY 80-6946; BAY80-6946; BAY-80-6946;			
BAY806946; BAY-806946; BAY 806946; Copanlisib; trade name Aliqopa			
Chemical structure	CAS# and Theoretical analysis		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	MedKoo Cat#: 206945 Name: Copanlisib HCl CAS#: 1402152-13-9 (HCl) Lot#: S8S05C02 Chemical Formula: $C_{23}H_{30}Cl_2N_8O_4$ Exact Mass: Molecular Weight: 553.45		

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 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