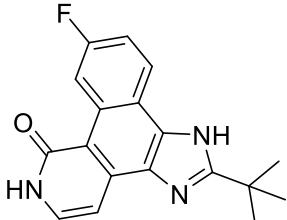




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406781	Pyridone 6	A21T09K29

Chemical name	
2-(1,1-dimethylethyl)-9-fluoro-1,6-dihydro-7H-benz[h]imidazo[4,5-f]isoquinolin-7-one	
Synonyms	
Pyridone 6; Pyridone-6; Pyridone6; CMP 6; JAK Inhibitor I; Janus-Associated Kinase Inhibitor I.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406781 Name: Pyridone 6 CAS#: 457081-03-7 Lot#: A21T09K29 Chemical Formula: C ₁₈ H ₁₆ FN ₃ O Exact Mass: 309.1277 Molecular Weight: 309.3444

Analysis item	Specifications / Results
Appearance	Light beige 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 3 years if properly stored.

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