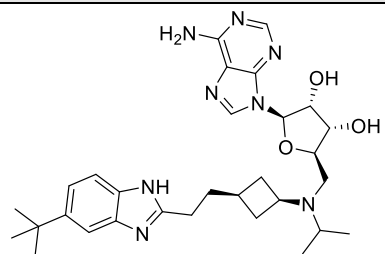


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205892	Pinometostat	A9T01K14

Chemical name	
(2R,3R,4S,5R)-2-(6-amino-9H-purin-9-yl)-5-((((1r,3S)-3-(2-(5-(tert-butyl)-1H-benzo[d]imidazol-2-yl)ethyl)cyclobutyl)(isopropyl)amino)methyl)tetrahydrofuran-3,4-diol	
Synonyms	
EPZ5676; EPZ-5676; EPZ 5676; Pinometostat	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205892 Name: Pinometostat CAS#: 1380288-87-8 Lot#: A9T01K14 Chemical Formula: C ₃₀ H ₄₂ N ₈ O ₃ Exact Mass: 562.33799 Molecular Weight: 562.71

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)	>99%
Solubility	Soluble in DMSO, not in water
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