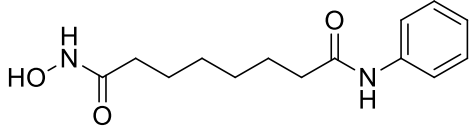




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100940	Vorinostat	A9T09K20

Chemical name	
N1-hydroxy-N8-phenyloctanediamide	
Synonyms	
MK-0683; MK 0683; MK0683; SAHA; M344; CCRIS 8456; HSDB 7930; Vorinostat; suberoylanilide hydroxamic acid; US brand name: Zolinza.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100940 Name: Vorinostat CAS#: 149647-78-9 Lot#: A9T09K20 Chemical Formula: C ₁₄ H ₂₀ N ₂ O ₃ Exact Mass: 264.14739 Molecular Weight: 264.32

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)	>99.0%
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