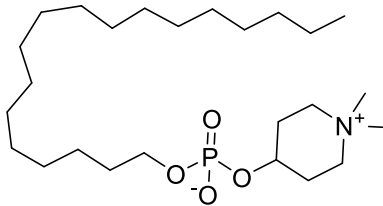




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
202220	Perifosine	SSC20709

Chemical name	
1,1-dimethylpiperidin-1-ium-4-yl octadecyl phosphate	
Synonyms	
KRX-0401; KRX 0401; KRX0401; NKA17; NSC639966; NSC 639966; NSC-639966; D 21266; D-21266; Perifosine	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#202220 Name: Perifosine CAS#: 157716-52-4 Lot#: SSC20709 Chemical Formula: C ₂₅ H ₅₂ NO ₄ P Exact Mass: 461.36340 Molecular Weight: 461.66

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 H ₂ O and ethanol
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