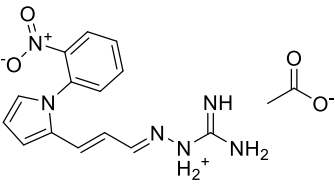




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
564507	AP1189 acetate	S21S04C28

Chemical name	
(E)-N-[trans-3-{1-(2-Nitrophenyl)-1H-pyrrol-2-yl} allylideneamino]guanidinium acetate	
Synonyms	
AP-1189; AP 1189; AP1189; AP1189 acetate	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 564507 Name: AP1189 acetate CAS#: 959850-74-9 (acetate) Lot#: S21S04C28 Chemical Formula: C ₁₆ H ₁₈ N ₆ O ₄ Molecular Weight: 358.36

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

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