Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200280	Aroplatin	A23K03C22

Chemical name		
cyclohexane-1,2-diamine; 7,7-dimethyloctanoate; platinum(+2)		
Syn	onyms	
Aroplatin; L-NDDP; NDDP		
Chemical structure	CAS# and Theoretical analysis	
0- Pt ²⁺ H ₂ N	MedKoo Cat#: 200280	
	Name: Aroplatin	
	CAS#: 114488-24-3	
	Lot#: A23K03C22	
O^{-1} H_2N	Chemical Formula: C ₂₆ H ₅₂ N ₂ O ₄ Pt	
Ö	Exact Mass: 651.35748	
	Molecular Weight: 651.8	

Analysis item	Specifications / Results	
Appearance	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	>98.0%	
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